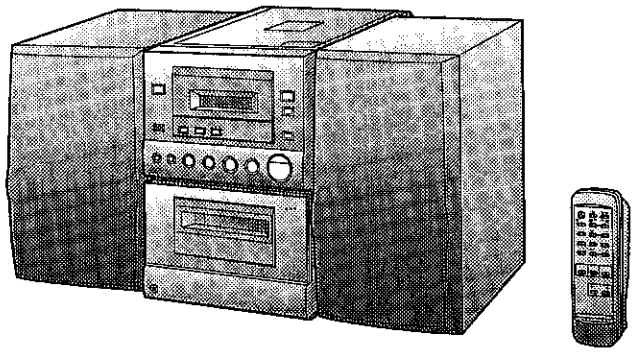
SHARP SERVICE MANUAL

No. S8763XL510H//



XL-510H
CP-510

COMPACT disc DIGITAL AUDIO

R·D·S RADIO DATA SYSTEM

XL-510H and CP-510 constitute XL-510H.

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified should be used.

The machine XL-510H/CP-510 is a modification of XL-515H/CP-515 by providing the SRS function. Its performance and operation are identical with those of XL-515H/CP-515. For details refex fo the service manual (No. S8762XL515H/ /) for XL-515H/CP-515.

XL-515H/CP-515

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SHARP CORPORATION

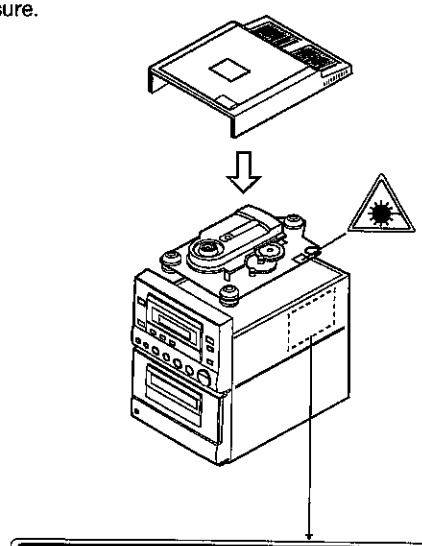
This document has been published to be used for after sales service only.
The contents are subject to change without notic

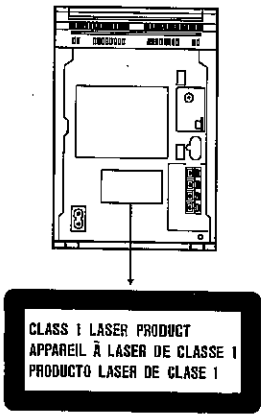
SAFETY PRECAUTION FOR SERVICE MANUAL

Precaution to be taken when replacing and servicing the Laser Pickup.

The AEL (Accessible Emission Level) of Laser Power Output for this model is specified to be lower than Class I Requirements. However, the following precautions must be observed during servicing to protect your eyes against exposure to the Laser beam

(1) When the cabinet has been removed, the power is turned on without a compact disc, and the Pickup is on a position outer than the lead-in position, the Laser will light for several seconds to detect a disc. Do not look into the Pickup Lens.
(2) The Laser Power Output of the Pickup inside the unit and replacement service parts have already been adjusted prior to shipping.
(3) No adjustment to the Laser Power should be attempted when replacing or servicing the Pickup.
(4) Under no circumstances look directly into the Pickup Lens at any time.
(5) CAUTION - Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.


CAUTION-INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.
ADVERSEL-USYNLIG LASERSTRÅLING VED ÅBNING. SE IKKE IND I STRÅLEN-HELLER IKKE MED OPTISKE INSTRUMENTER.
VAROI AVATTAESSA OLET ALTTIINA NÄKYVÄLTÄ LASERSÄTEILYLLE. ÄLÄ TUIJOTA SÄTEESEEN ÄLÄKÄ KATSO SITÄ OPTISEN LAITTEEN LÄPI.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN GENOM OPTISKT INSTRUMENT.
ADVERSEL-USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES. STIRR IKKE INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.



LASER KLASSE 1
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT
LASER TŘÍDY 1
LASER TRIEDY 1

VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

VARNING - OM APPARATEN ANVÄNDS PÅ ANNAT SÄTT ÄN I DENNA BRUKSANVISNING SPECIFICERAS, KAN ANVÄNDAREN UTSÄTTAS FÖR OSYNLIG LASERSTRÅLNING, SOM ÖVERSKRIDER GRÄNSEN FÖR LASERKLASS 1.

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

XL-510H

● General

Power source:	AC 230 V, 50 Hz
Power consumption:	52 W
Dimensions:	Width; 160 mm (6-5/16") Height; 240 mm (9-1/2") Depth; 250 mm (9-7/8")
Weight:	2.6 kg (5.7 lbs.)

● Amplifier section

Output power:	PMPO; 28 W (total) MPO; 14 W (7 W + 7 W) (DIN 45 324) RMS; 10 W (5 W + 5 W) (DIN 45 324)
Output terminals:	Speakers; 4 ohms Headphones; 16-50 ohms (recommended; 32 ohms)

● Tuner section

Frequency range:	FM; 87.5 - 108 MHz MW; 522 - 1,620 kHz LW; 153-281 kHz

● Compact disc player section

Type:	Compact disc player
Signal readout:	Non-contact, 3-beam semi-conductor laser pickup
D/A Converter:	1-bit D/A converter
Filter:	8-times oversampling digital filter
Frequency response:	20 - 20,000 Hz
Wow and flutter:	Unmeasurable (less than 0.001% W.peak)

● Cassette deck section

Frequency response:	50 - 14,000 Hz (Normal tape)
Signal/noise ratio:	50 dB
Wow and flutter:	0.3 % (DIN 45 511)

CP-510

Type:	Full lange speaker system
Speakers:	10 cm (4") full -range speaker
Rated input power:	5 W
Maximum input power:	10 W
Impedance:	4 ohms
Dimensions:	Width; 145 mm (5-3/4") Height; 240 mm (9-1/2") Depth; 183 mm (7-1/4")
Weight:	1.1 kg (2.4 lbs.)/each

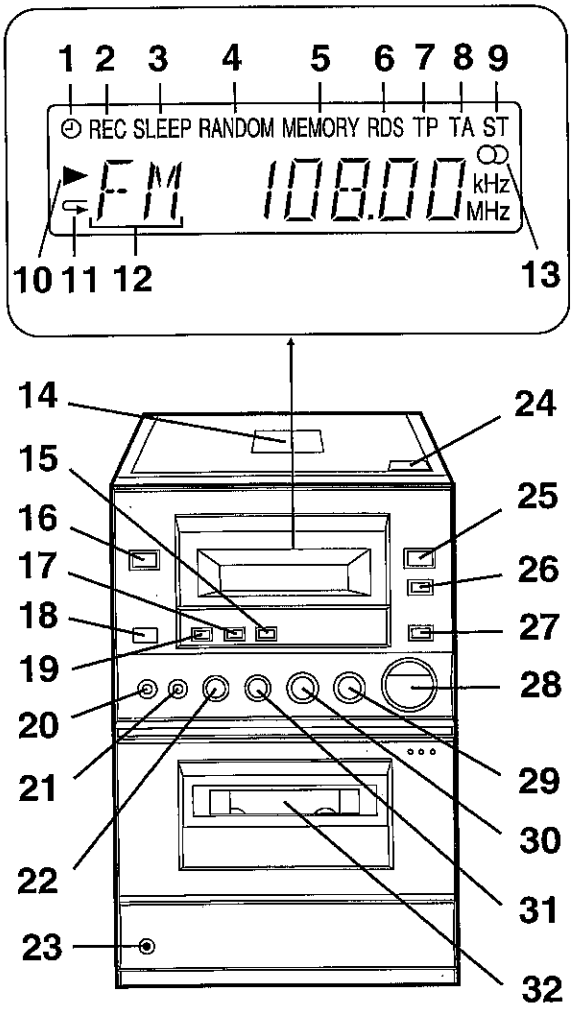
Specifications for this model are subject to change without prior notice.

NAMES OF PARTS

XL-510H

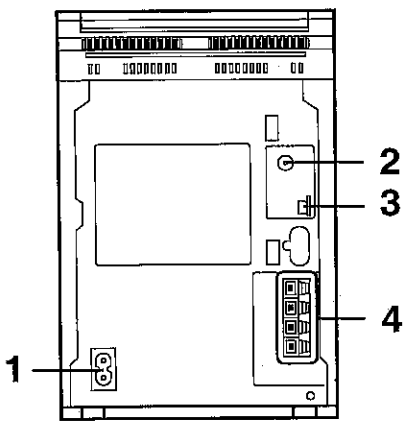
■ Front Panel

1. Timer Indicator
2. Record Indicator
3. Sleep Indicator
4. Random Indicator
5. Memory Indicator
6. RDS Indicator
7. Traffic Programme Indicator
8. Traffic Announcement Indicator
9. FM Stereo Mode Indicator
10. Play Indicator
11. Repeat Indicator
12. Function/Band/Track Number Indicator
13. FM Stereo Indicator
14. CD Compartment
15. Display Mode Selector Button
16. On/Stand-by Switch
17. ASPM Button
18. Remote Control Sensor
19. Programme Type/Traffic Programme Search Button
20. Record Pause/Beat Cancel Button
21. Memory/Set Button
22. (CD) Track Down/Review Button
    (TAPE) Rewind Button
    (TUNER) Preset Down Button
23. Headphone Socket
24. CD Eject Button
25. Function Selector Button
26. Band Selector Button
27. Extra Bass/Equalizer Mode Button
28. Volume Up/Down Buttons
29. (CD) Play/Pause Button
    (TAPE) Play Button
    (TUNER) Tuning Up Button
30. (CD/TAPE) Stop Button
    (TUNER) Clear Button
31. (CD) Track Up/Cue Button
    (TAPE) Fast Forward Button
    (TUNER) Preset Up Button
32. Cassette Compartment



■ Rear Panel

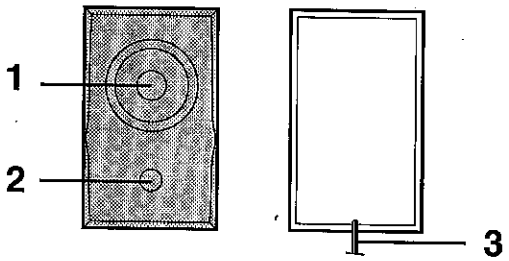
1. AC Power Input Socket
2. FM 75 ohms Aerial Socket
3. MW/LW Loop Aerial Input Socket
4. Speaker Terminals



CP-510

■ Speaker Section

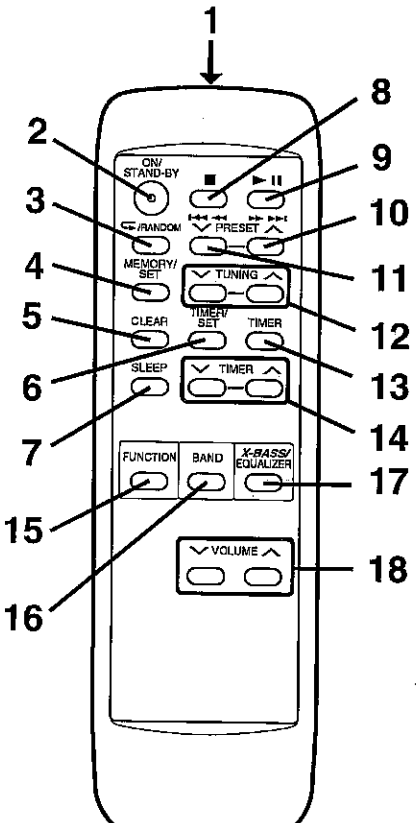
1. Full-Range Speaker
2. Bass Reflex Duct
3. Speaker Wire



XL-510H

■ Remote Control

1. Remote Control Transmitter LED
2. On/Stand-by Button
3. (CD) Repeat/Random Button
4. (CD/TUNER) Memory/Set Button
5. (CD/TUNER) Clear Button
6. Timer/Set Button
7. Sleep Button
8. (CD/TAPE) Stop Button
9. (CD) Play/Pause Button
   (TAPE) Play Button
10. (CD) Track Up/Cue Button
    (TAPE) Fast Forward Button
    (TUNER) Preset Up Button
11. (CD) Track Down/Review Button
    (TAPE) Rewind Button
    (TUNER) Preset Down Button
12. Tuning Up/Down Buttons
13. Timer Button
14. Timer Up/Down Buttons
15. Function Selector Button
16. Band Selector Button
17. Extra Bass/Equalizer Mode Button
18. Volume Up/Down Buttons



DISASSEMBLY

Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:

1. Take cassette tape and compact disc out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
3. Take off nylon bands or wire holders where they need be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take suffcient care on static electricity of integrated circuits and other circuits when servicing.

XL-510H

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw ..... (A1) x4 2. Socket ..... (A2) x3 3. Screw ..... (A3) x1	5-1
2	Side Panel (Left/Right)	1. Screw ..... (B1) x7	5-1
3	Back Board	1. Screw ..... (C1) x3	5-1
4	Front Panel	1. Screw ..... (D1) x4 2. Socket ..... (D2) x3	5-2
5	Display PWB/ CD Servo PWB	1. Screw ..... (E1) x7 2. Socket ..... (E2) x1	5-2
6	Main PWB	1. Screw ..... (F1) x3 2. Socket ..... (F2) x1	5-2
7	Power Supply PWB	1. Screw ..... (G1) x4	5-2
8	Tape Mechanism	1. Screw ..... (H1) x4	5-3
9	CD Mechanism	1. Screw ..... (J1) x3	5-4

CP-510

STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net ..... (A1) x1 3. Screw ..... (A2) x4	5-5

CP-510

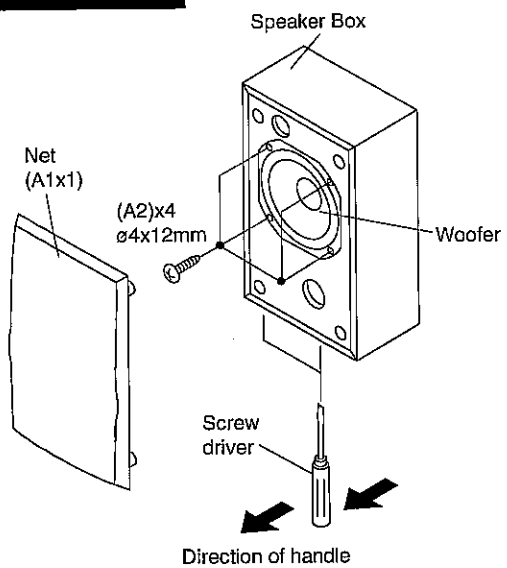


Figure 5-5

XL-510H

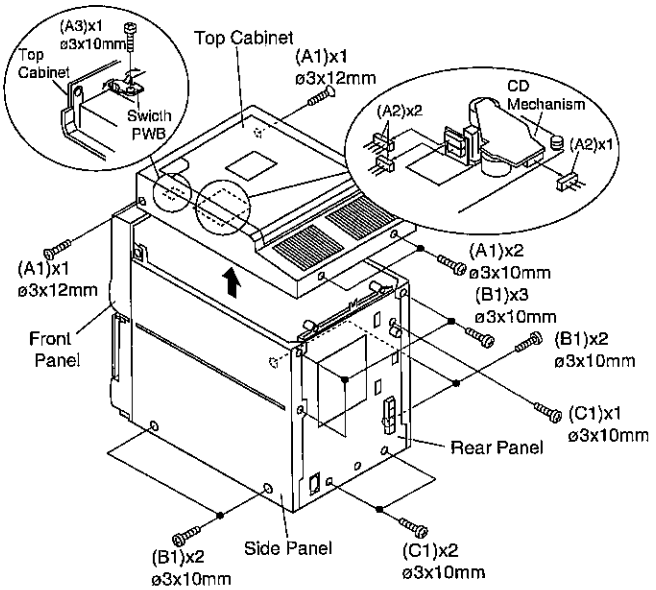


Figure 5-1

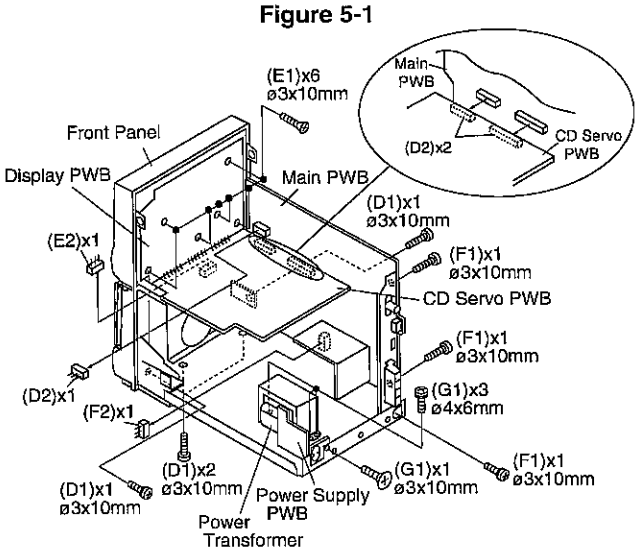


Figure 5-2

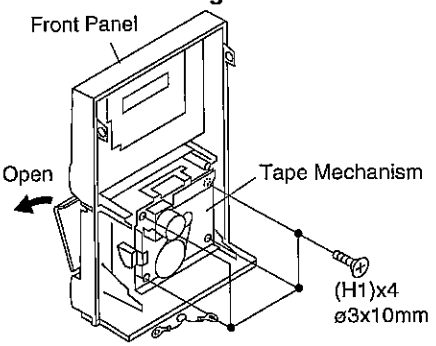


Figure 5-3

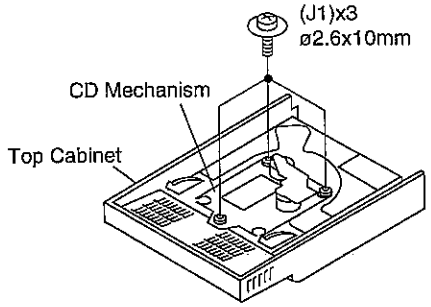


Figure 5-4

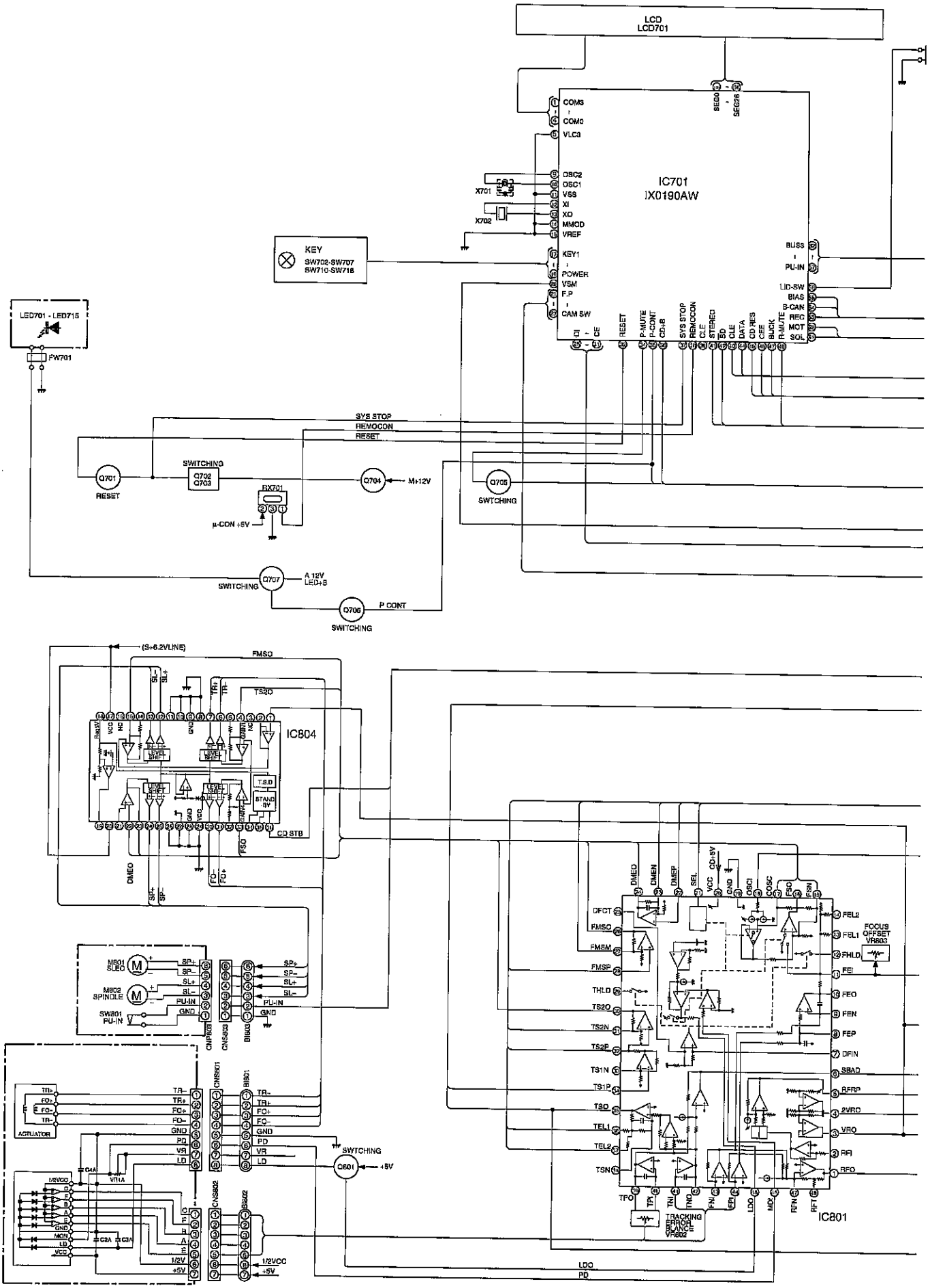


Figure 6 BLOCK DIAGRAM (1/4)

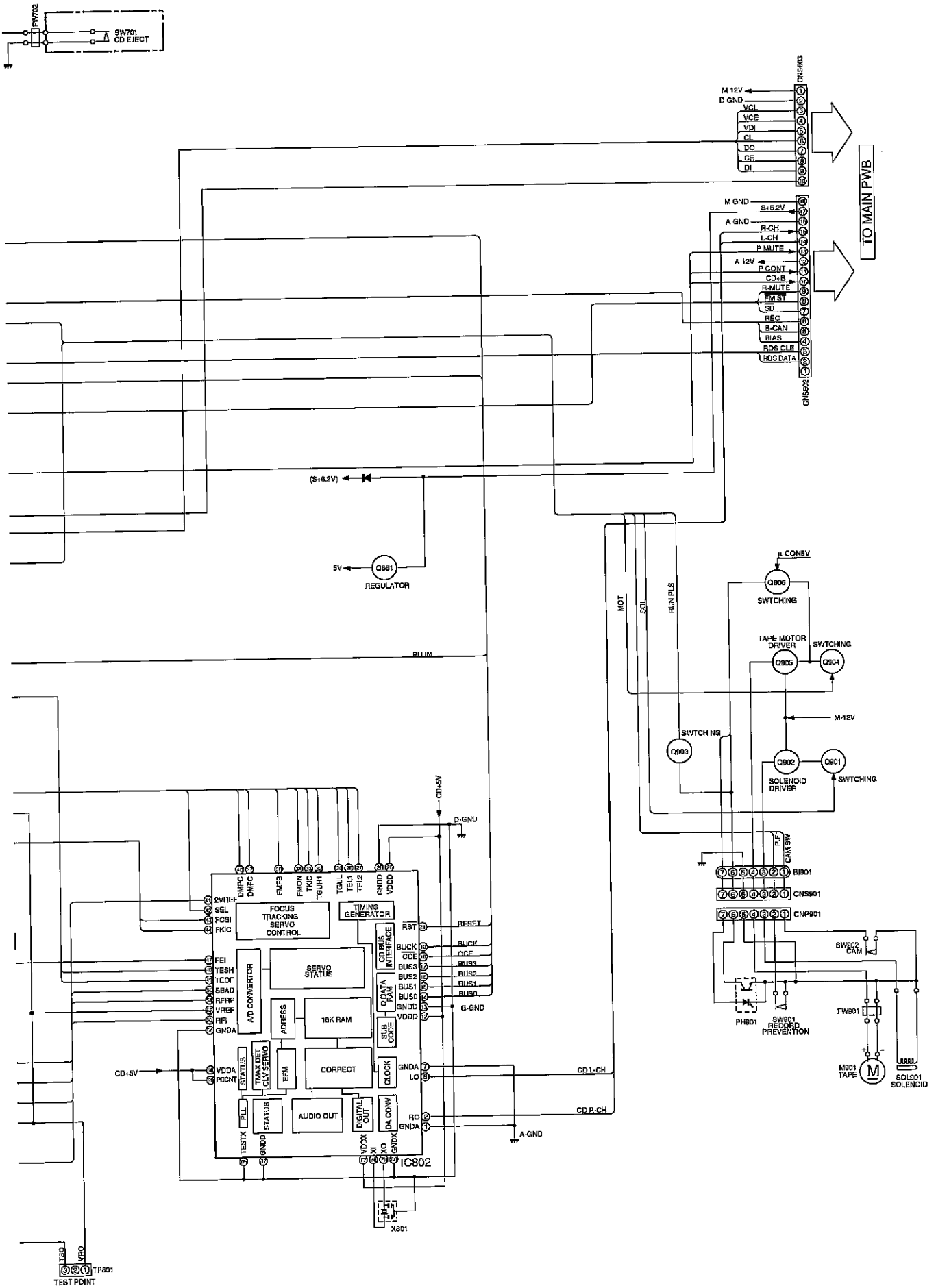


Figure 7 BLOCK DIAGRAM (2/4)

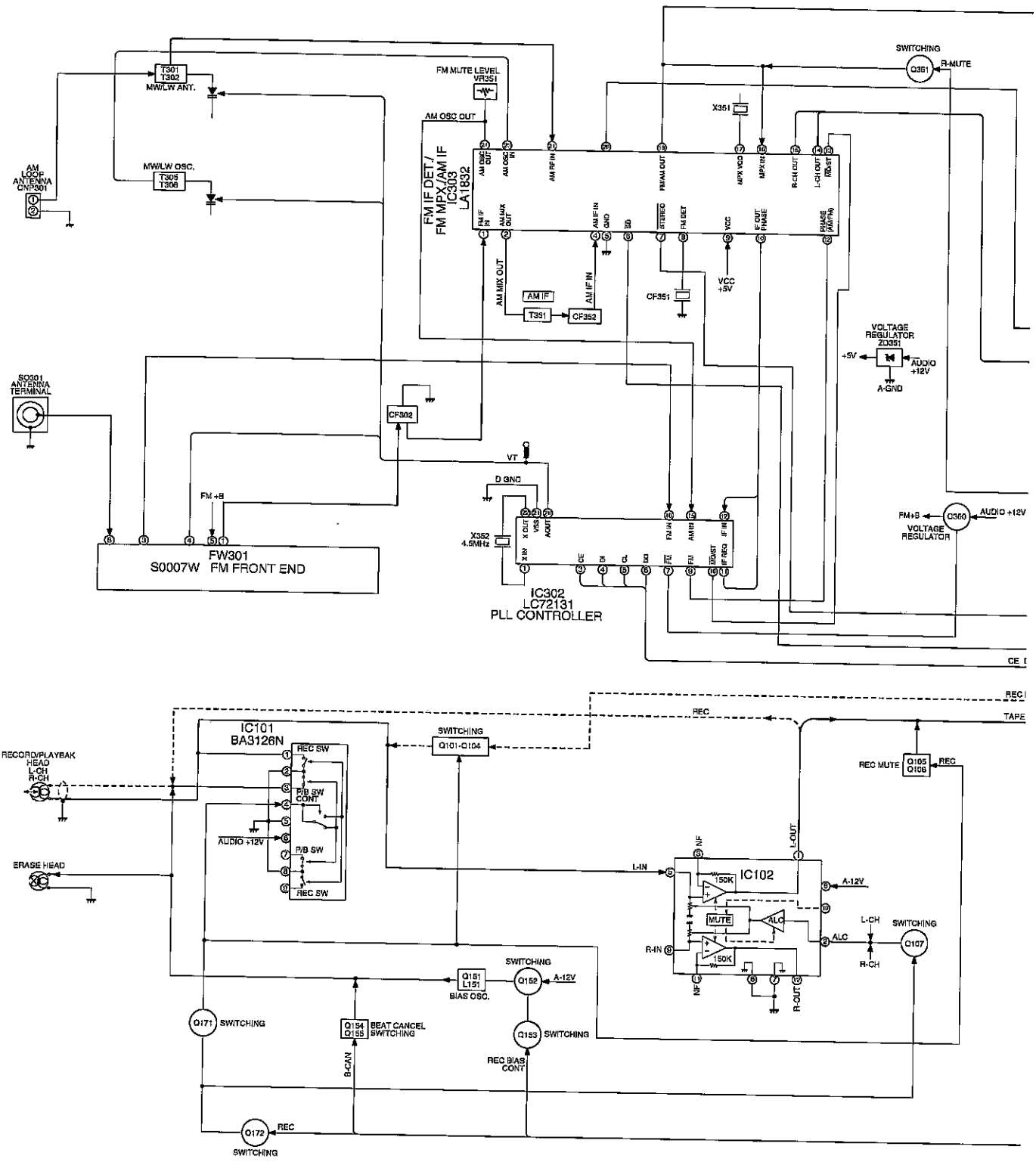


Figure 8 BLOCK DIAGRAM (3/4)

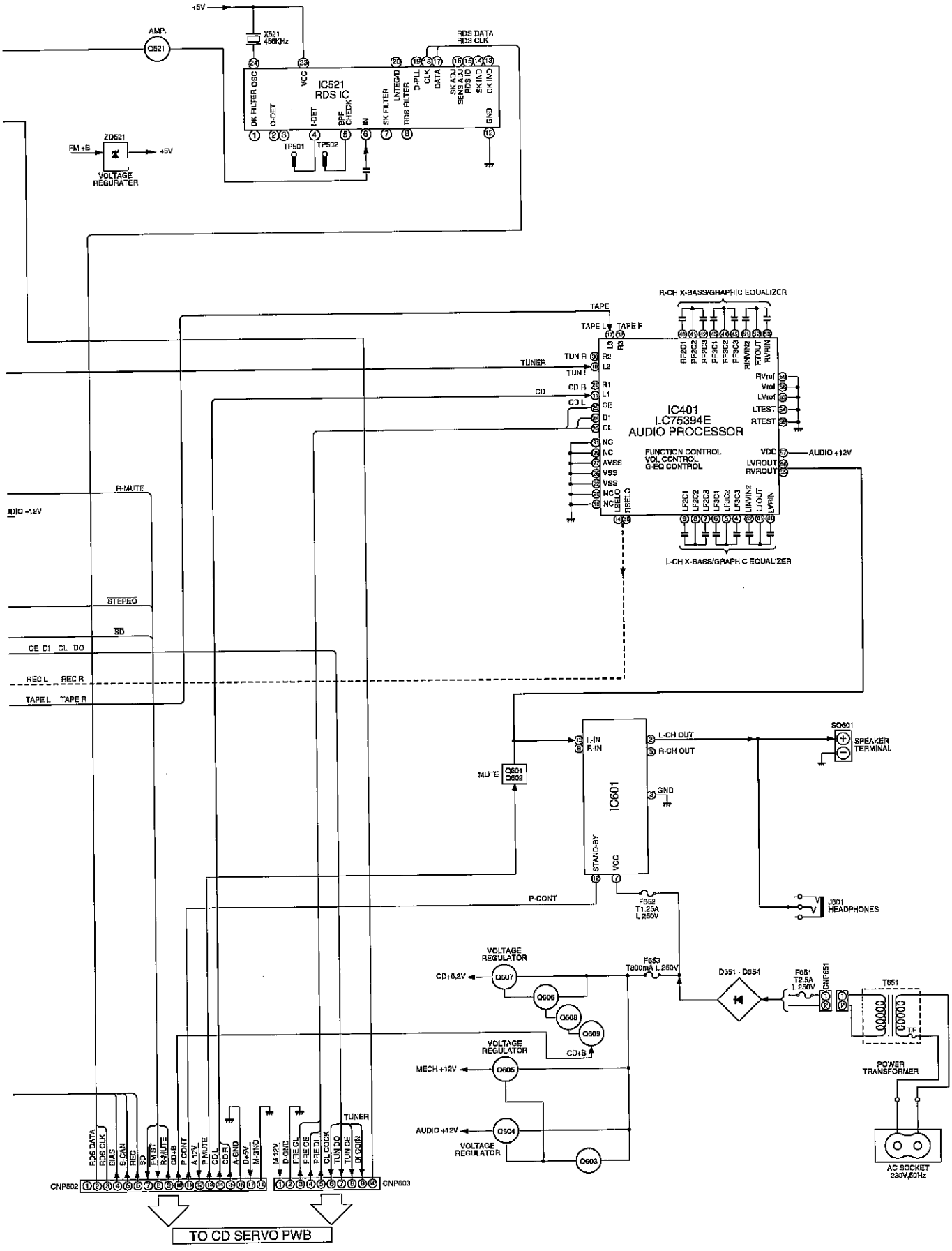
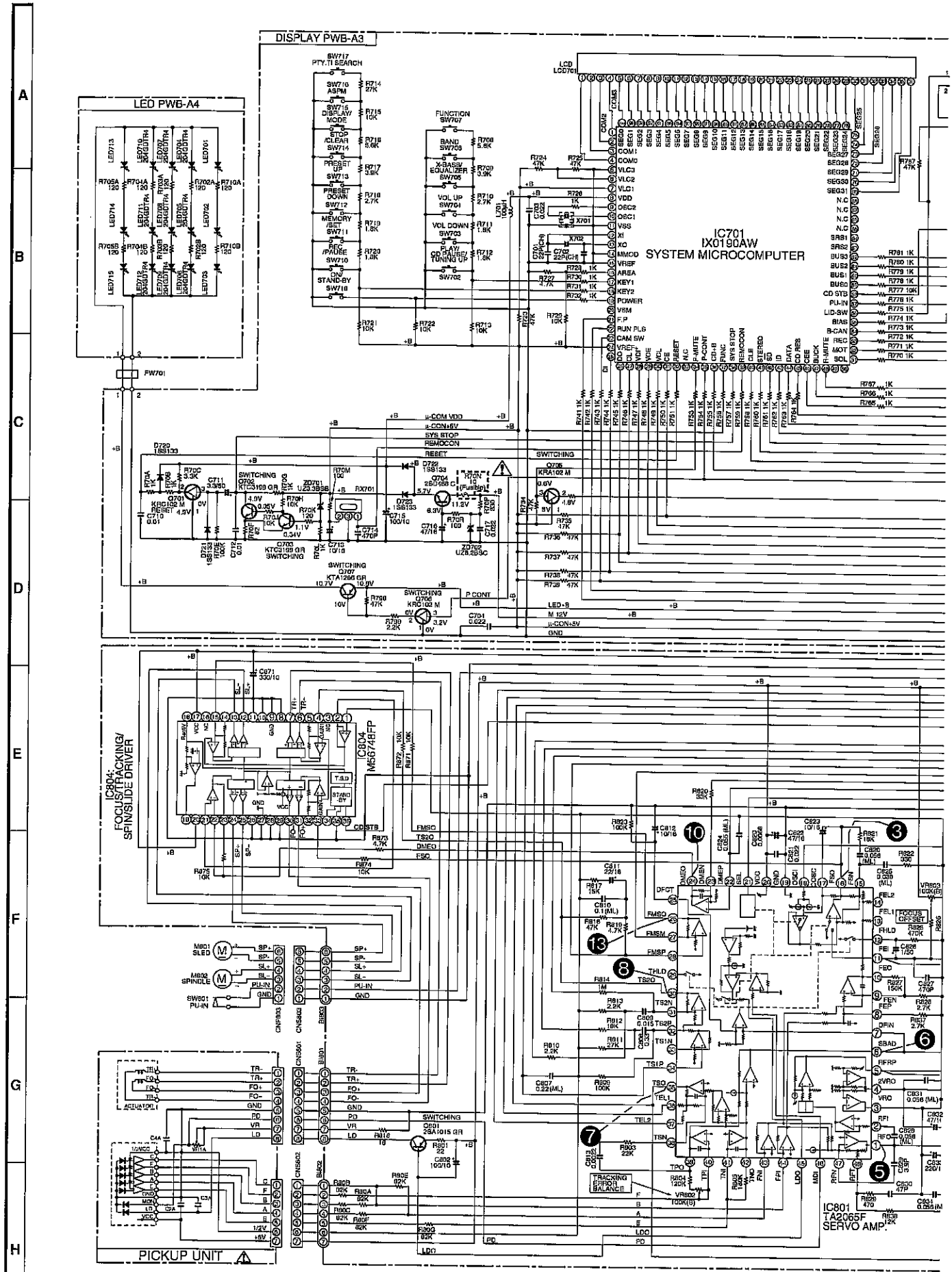
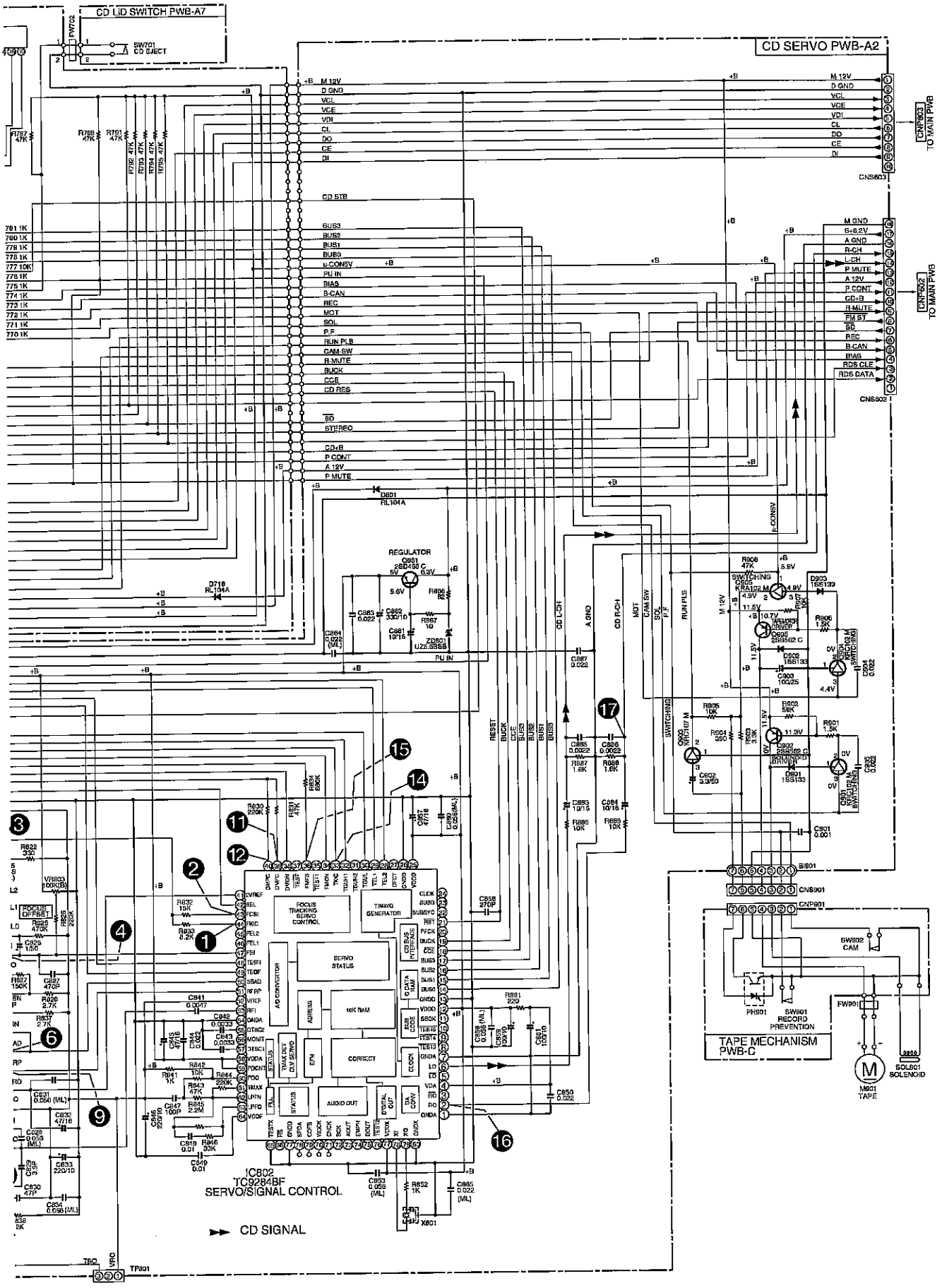


Figure 9 BLOCK DIAGRAM (4/4)



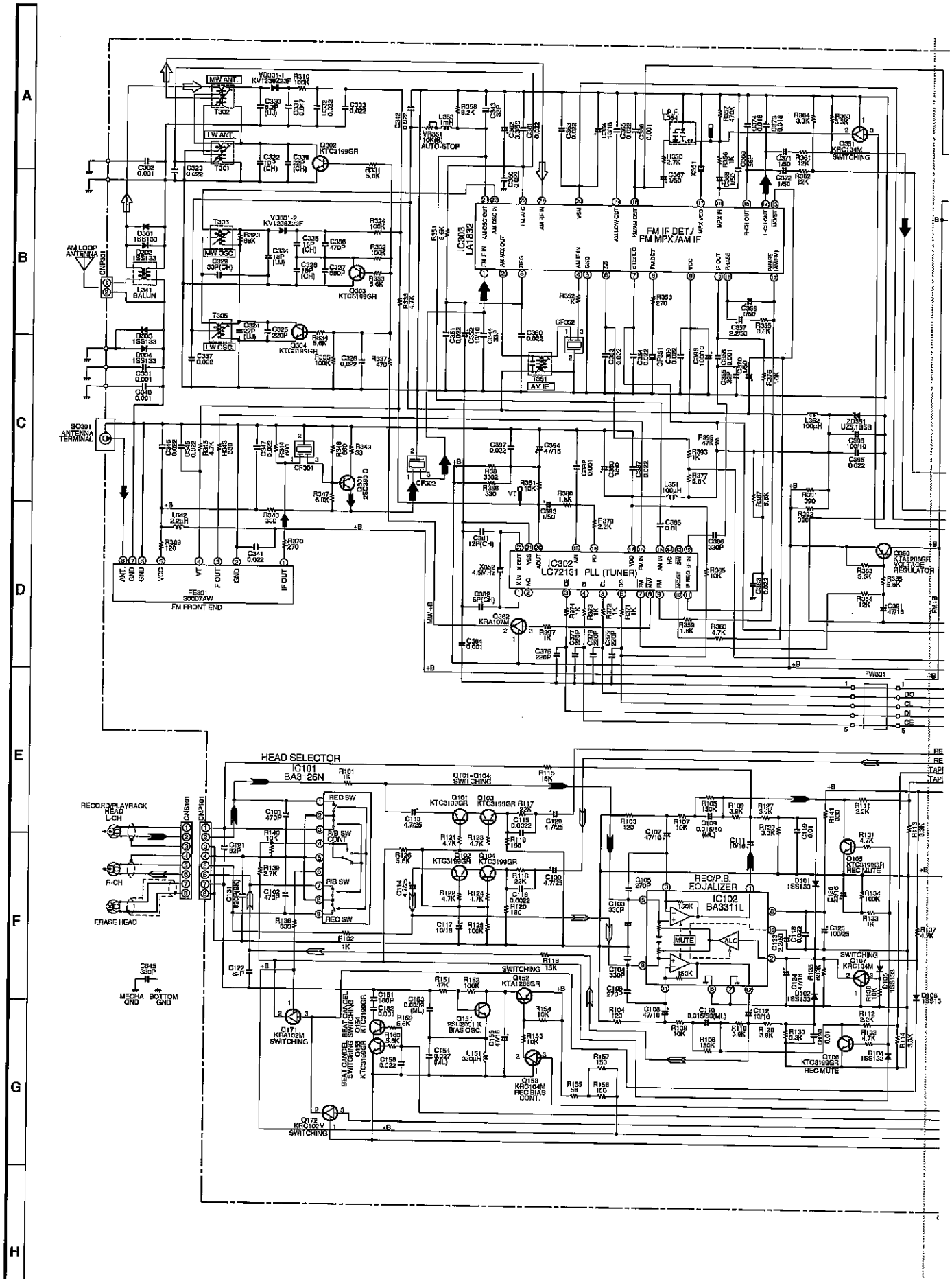
• NOTES ON SCHEMATIC DIAGRAM can be found on page 18.

Figure 10 SCHEMATIC DIAGRAM (1/4)



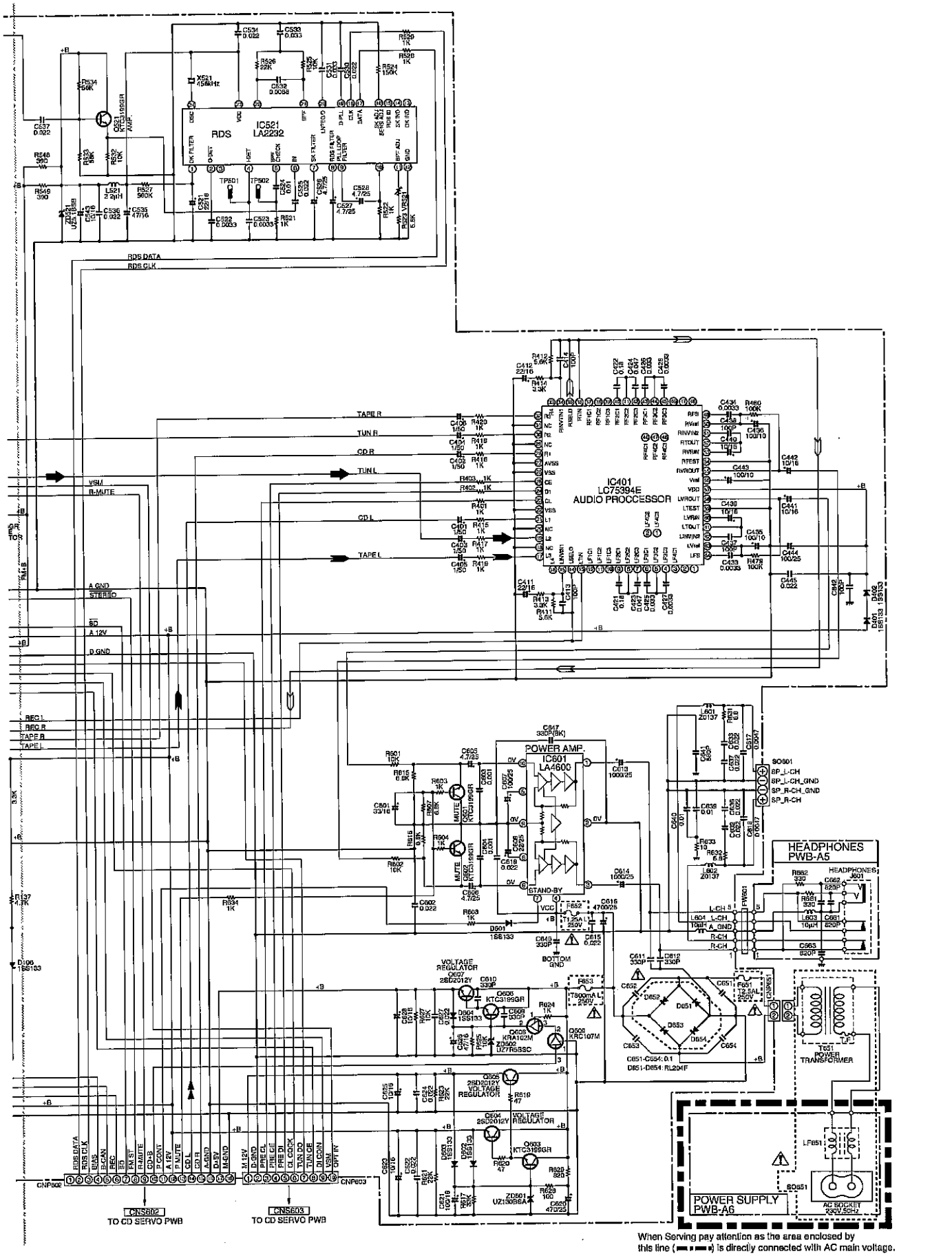
7	8	9	10	11	12

Figure 11 SCHEMATIC DIAGRAM (2/4)



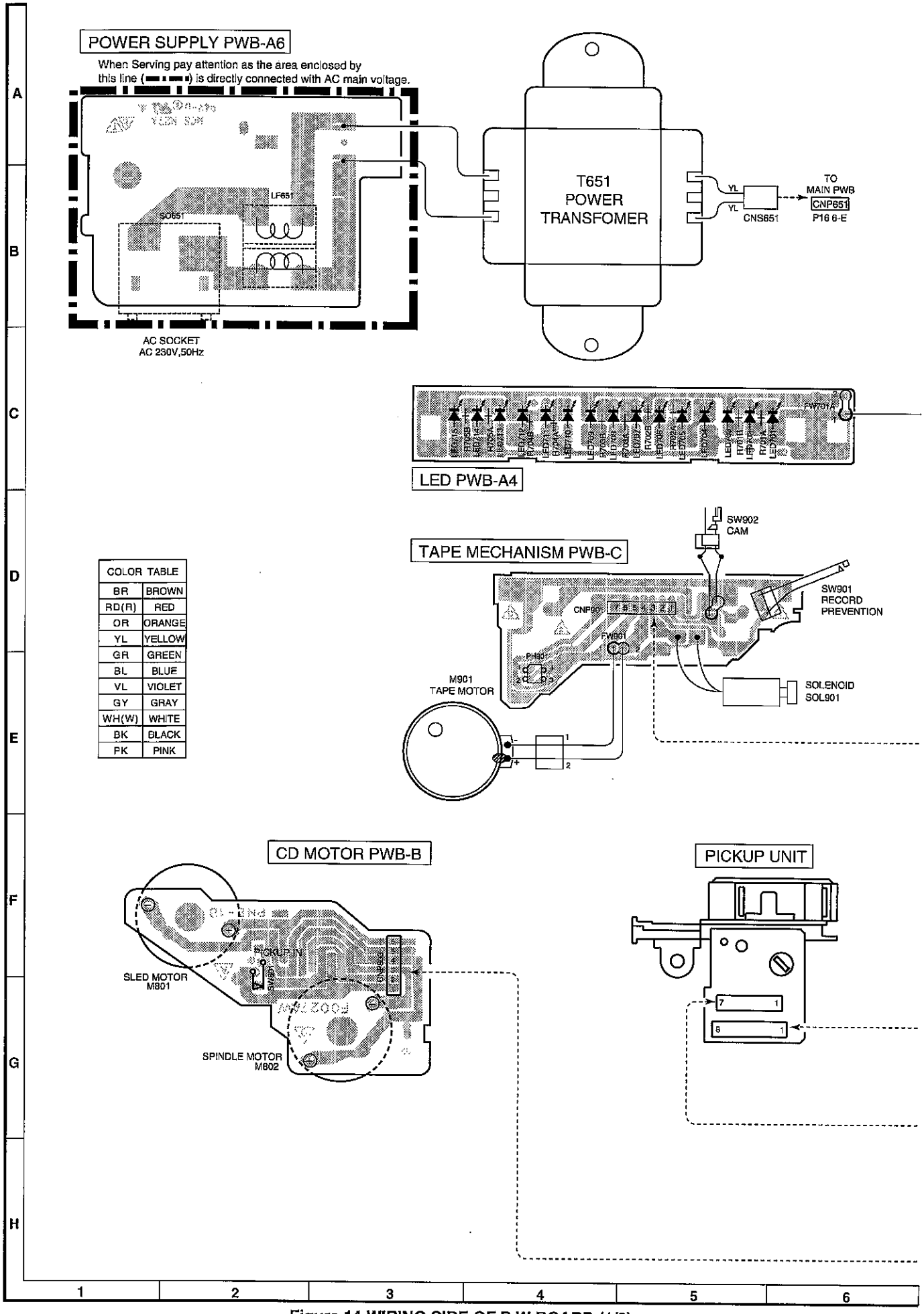
• NOTES ON SCHEMATIC DIAGRAM can be found on page 18.

Figure 12 SCHEMATIC DIAGRAM (3/4)



7	8	9	10	11	12

Figure 13 SCHEMATIC DIAGRAM (4/4)



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

Figure 14 WIRING SIDE OF P.W.BOARD (1/3)

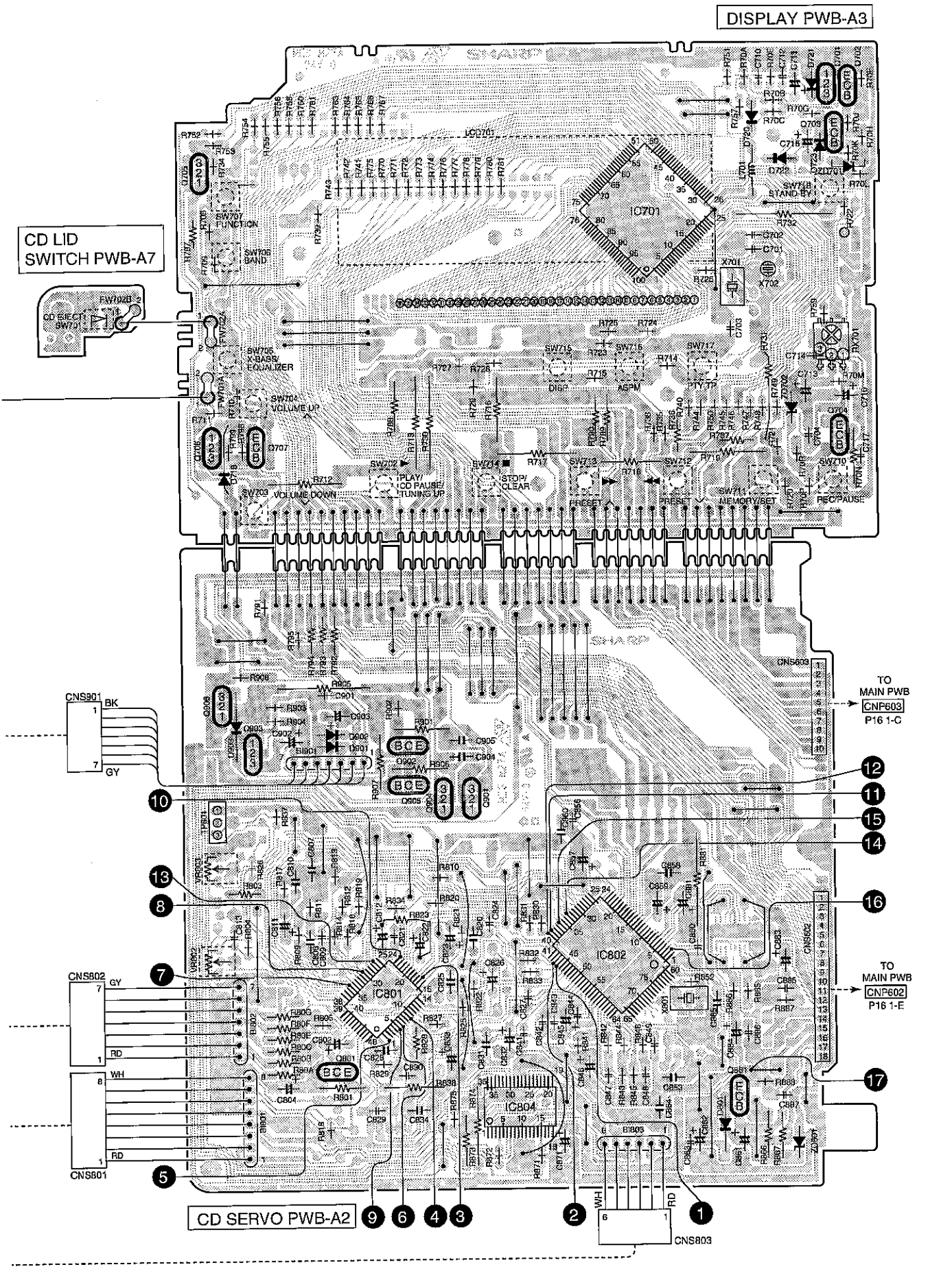


Figure 15 WIRING SIDE OF P.W.BOARD (2/3)

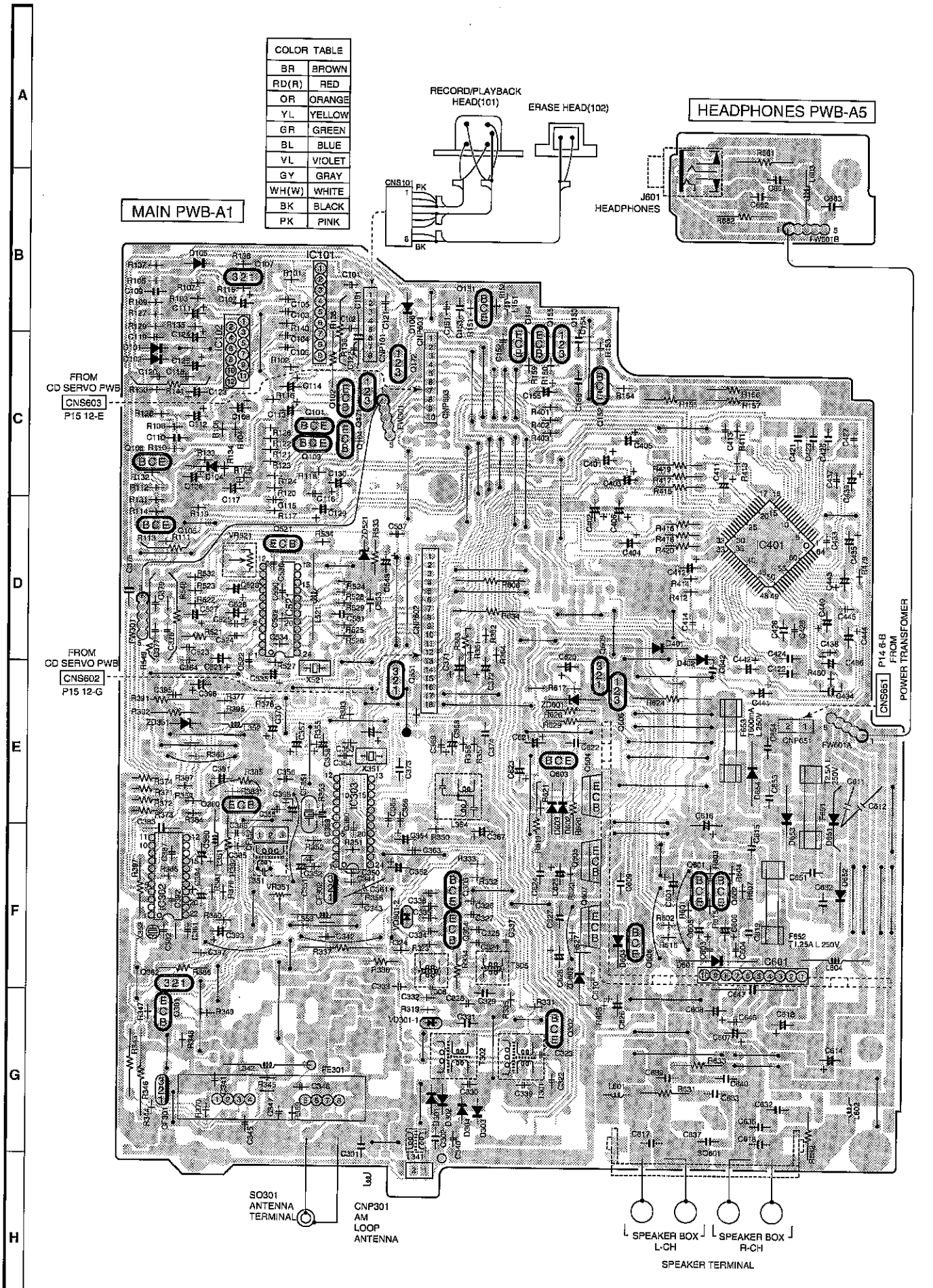


Figure 16 WIRING SIDE OF P.W.BOARD (3/3)

VOLTAGE

IC101	
PIN NO.	VOLTAGE
1	0V
2	0V
3	0V
4	0.3V(8V)
5	0V
6	2.8V
7	0V
8	0V
9	0V

IC102	
PIN NO.	VOLTAGE
1	4.6V
2	0V
3	0.6V
4	–
5	0V
6	0V
7	0V
8	10.2V
9	0V
10	0V(10.1V)
11	0.6V
12	4.6V

IC201	
PIN NO.	VOLTAGE
1	11.13V
2	5.57V
3	5.57V
4	5.57V
5	5.57V
6	5.57V
7	5.57V
8	5.57V
9	5.57V
10	5.57V
11	5.57V
12	5.57V
13	5.57V
14	5.57V
15	0V
16	5.56V
17	5.56V
18	5.56V
19	5.56V
20	5.56V
21	5.56V
22	5.56V
23	5.56V
24	5.56V
25	5.56V
26	1.367V
27	5.56V
28	5.55V

IC302	
PIN NO.	VOLTAGE
1	2.6V
2	0V
3	0.1V
4	0.1V
5	4.8V
6	5.1V
7	1.7V(11.4V)
8	3.7V(0V)
9	3.9V
10	0V
11	0V
12	0V
13	3.5V
14	0V
15	0V(2.6V)
16	2.6V(0V)
17	5.2V
18	0.9V
19	0.9V
20	–
21	–
22	2.6V

IC303	
PIN NO.	VOLTAGE
1	2.1V
2	5V
3	2.1V
4	2.1V
5	0V
6	5V
7	5V
8	2.9V(4.3V)
9	5V
10	0V
11	3.8V(1.9V)
12	3.8V(1.2V)
13	4V(2.2V)
14	–
15	1.3V
16	2.1V
17	2.3V(0V)
18	2.3V
19	0V(0.9V)
20	0.6V
21	2.1V(2.7V)
22	2.1V(2.7V)
23	5V
24	3.5V

IC401	
PIN NO.	VOLTAGE
1	4.7V
2	4.7V
3	4.7V
4	4.7V
5	4.7V
6	4.7V
7	4.7V
8	4.7V
9	4.7V
10	4.7V
11	4.7V
12	4.7V
13	4.7V
14	4.7V
15	4.7V
16	4.2V
17	4.3V
18	–
19	4.3V
20	–
21	4.3V
22	–
23	0V
24	0V
25	0V
26	–
27	–
28	4.3V
29	–
30	4.3V
31	–
32	4.3V
33	4.2V
34	4.7V
35	4.7V
36	4.7V
37	4.7V
38	4.7V
39	4.7V
40	4.7V
41	4.7V
42	4.7V
43	4.7V
44	4.7V
45	4.7V
46	4.7V
47	4.7V
48	4.7V
49	4.7V
50	4.7V
51	4.7V
52	4.7V
53	4.7V
54	4.7V
55	4.7V
56	4.7V
57	9.4V
58	4.7V
59	4.7V
60	4.7V
61	4.7V
62	4.7V
63	4.7V
64	4.7V

IC701			
PIN NO.	VOLTAGE	PIN NO.	VOLTAGE
1	2.5V	51	0V
2	2.5V	52	0V
3	2.5V	53	0V
4	2.5V	54	0V
5	0V	55	0V
6	1.7V	56	0V
7	3.3V	57	5V
8	4.9V	58	0V
9	2.6V	59	4.1V
10	2.6V	60	4.1V
11	0V	61	3.9V
12	2.1V	62	3.9V
13	2.1V	63	0V
14	0V	64	4.9V
15	0V	65	0V
16	0V	66	0V
17	5V	67	2.5V
18	5V	68	2.5V
19	5V	69	2.5V
20	5V	70	2.5V
21	0V	71	2.5V
22	5V	72	2.5V
23	5V	73	2.5V
24	5V	74	2.5V
25	0V	75	2.5V
26	5V	76	2.5V
27	0V	77	2.5V
28	0V	78	2.5V
29	0V	79	2.5V
30	0V	80	2.5V
31	0V	81	2.5V
32	4.9V	82	2.5V
33	0V	83	2.5V
34	4.9V	84	2.5V
35	4.5V	85	2.5V
36	4.8V	86	2.5V
37	0V	87	2.5V
38	5V	88	2.5V
39	4.8V	89	2.5V
40	0.4V	90	2.5V
41	5.1V	91	2.5V
42	5.2V	92	2.5V
43	0.4V	93	2.5V
44	0V	94	2.5V
45	4.9V	95	2.5V
46	3.7V	96	2.5V
47	4.3V	97	2.5V
48	0V	98	2.5V
49	4.9V	99	2.5V
50	0V	100	2.5V

IC521	
PIN NO.	VOLTAGE
1	1.5V
2	1.5V
3	0.4V
4	1.43V
5	2.3V
6	2.6V
7	2.8V
8	1.3V
9	1.5V
10	0V
11	0.7V
12	0V
13	0.15V
14	0.2V
15	0.2V
16	0.03V
17	2.75V
18	2.5V
19	2.4V
20	1.1V
21	2.13V
22	2.13V
23	5.15V
24	3.65V

IC601	
PIN NO.	VOLTAGE
1	25.7V
2	14.7V
3	0V
4	0V
5	14.6V
6	25.8V
7	28.7V
8	1.22V
9	0V
10	27.7V
11	0V
12	2.07V
13	0V
14	1.22V

IC801	
PIN NO.	VOLTAGE
1	2.4V
2	2.1V
3	2.1V
4	4.2V
5	2.2V
6	2.2V
7	2.2V
8	0V
9	2V
10	2.1V
11	2.2V
12	2V
13	2.2V
14	2.2V
15	2.2V
16	2.3V
17	2.3V
18	2.5V
19	0V
20	5V
21	5V
22	2.2V
23	2.1V
24	2.2V
25	2V
26	2.1V
27	2.1V
28	2.1V
29	0V
30	2.1V
31	2.1V
32	2.1V
33	0V
34	2.1V
35	2.1V
36	2.3V
37	2.1V
38	2.2V
39	1.8V
40	2.1V
41	2.1V
42	1.9V
43	2.1V
44	2.2V
45	2.6V
46	0.3V
47	2.2V
48	1.9V

IC802			
PIN NO.	VOLTAGE	PIN NO.	VOLTAGE
1	0V	41	4.2V
2	2.3V	42	5V
3	2.6V	43	–
4	5V	44	–
5	2.6V	45	–
6	2.3V	46	–
7	0V	47	2.2V
8	5V	48	2.1V
9	5V	49	2.1V
10	5V	50	2.2V
11	5V	51	2.2V
12	5V	52	2.1V
13	0V	53	–
14	4.2V	54	0V
15	4.1V	55	–
16	4.2V	56	–
17	4V	57	–
18	3.8V	58	5V
19	4.3V	59	5V
20	2.3V	60	0V
21	5V	61	–
22	0.1V	62	–
23	5 V	63	–
24	0.4V	64	–
25	5V	65	0V
26	0V	66	5V
27	0.2V	67	0V
28	2.1V	68	1.3V
29	2.1V	69	1.7V
30	2.1V	70	2.5V
31	2.4V	71	2.5V
32	2.1V	72	0.3V
33	1.9V	73	2.5V
34	2.1V	74	0V
35	5V	75	2.4V
36	2V	76	5V
37	5V	77	5V
38	2.1V	78	2.2V
39	2.1V	79	2.2V
40	2.2V	80	0V

IC804	
PIN NO.	VOLTAGE
1	2.1V
2	2.1V
3	–
4	2.1V
5	2.1V
6	2.3V
7	2.3V
8	0V
9	0V
10	0V
11	0V
12	0 V
13	2.3V
14	2.1V
15	2.6V
16	0V
17	5.4V
18	0V
19	–
20	5.4V
21	2.1V
22	2.1V
23	2V
24	2.7V
25	0V
26	0V
27	0V
28	0V
29	0V
30	1.8V
31	2.7V
32	–
33	0V
34	–
35	0V
36	0V

NOTES ON SCHEMATIC DIAGRAM

- Resistor:
  To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.
- Capacitor:
  To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
  (CH), (TH), (RH), (UJ): Temperature compensation
  (ML): Mylar type
  (P.P.): Polypropylene type
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
  1. In the tuner section,
     ( ) indicates AM
     < > indicates FM stereo
  2. In the main section, a tape is being played back.
  3. In the deck section, a tape is being played back.
     ( ) indicates the record state.
  4. In the power section, a tape is being played back.
  5. In the CD section, the CD is stopped.
- Parts marked with " ⚠ " (⊏ ⎓ ⎓ ⎓ ⊐) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW701	CD EJECT	ON—OFF
SW702	PLAY/CD PAUSE/TUNING UP	ON—OFF
SW703	VOLUME DOWN	ON—OFF
SW704	VOLUME UP	ON—OFF
SW705	X-BASS/EQUALIZER	ON—OFF
SW706	BAND	ON—OFF
SW707	FUNCTION	ON—OFF
SW710	REC. PAUSE	ON—OFF
SW711	MEMORY/SET	ON—OFF
SW712	PRESET DOWN	ON—OFF

REF. NO	DESCRIPTION	POSITION
SW713	PRESET UP	ON—OFF
SW714	STOP/CLEAR	ON—OFF
SW715	DISPLAY MODE	ON—OFF
SW716	ASPM	ON—OFF
SW717	PTY. TI SEARCH	ON—OFF
SW718	ON/STAND-BY	ON—OFF
SW801	PICKUP IN	ON—OFF
SW901	RECORD PREVENTION	ON—OFF
SW902	CAM	ON—OFF

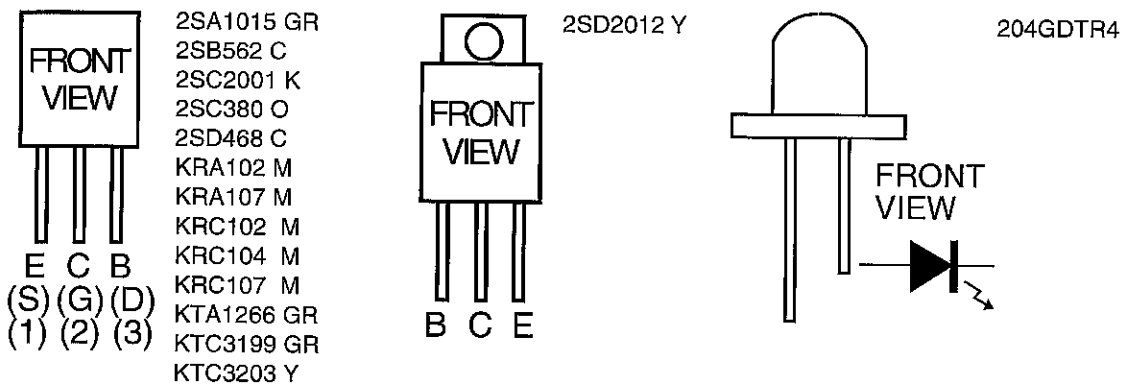


Figure 18 TYPES OF TRANSISTOR AND LED

SHARP PARTS GUIDE

MODEL XL510H
CP-510

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. No.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

VCC ..... Ceramic type
VCK ..... Ceramic type
VCT ..... Semiconductor type
VC••MF ..... Cylindrical type (without lead wire)
VC••MN ..... Cylindrical type (without lead wire)
VC••TV ..... Square type (without lead wire)
VC••TQ ..... Square type (without lead wire)
VC••CY ..... Square type (without lead wire)
VC••CZ ..... Square type (without lead wire)
VC••••••••••J .. The 13th character represents capacity difference.
("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
"C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±20%.

Resistors

VRD ..... Carbon-film type
VRS ..... Carbon-film type
VRN ..... Metal-film type
VR••MF ..... Cylindrical type (without lead wire)
VR••MN ..... Cylindrical type (without lead wire)
VR••TV ..... Square type (without lead wire)
VR••TQ ..... Square type (without lead wire)
VR••CY ..... Square type (without lead wire)
VR••CZ ..... Square type (without lead wire)
VR••••••••••J .. The 13th character represents error.
("J" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±5% carbon-film type.

NOTE:
Parts marked with "⚠" are important for maintaining the safety of the set.
Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

XL-510H/CP-510

NO.	PART CODE	★	PRICE RANK	DESCRIPTION

XL-510H

INTEGRATED CIRCUITS

IC101	VHIBA3126N/-1	J	AF	Head Selector,BA3126N
IC102	VHIBA3311L/-1	J	AK	REC./P.B.Equalizer Amp.,BA3311L
IC302	VHILC72131/-1	J	AP	PLL (Tuner),LC72131
IC303	VHILA1832//-1	J	AR	FM IF Det./FM Mpx./ AM IF,LA1832
IC401	VHILC75394E-1	J	AX	Audio Processor LC75394E
IC521	VHILA2232//-1	J	AX	RDS,LA2232
IC601	VHILA4600//-1	J	AN	Power Amp.,LA4600
IC701	RH-IX0190AWZZ	J	AY	System Microcomputer,IX0190AW
IC801	VHITA2065F/-1	J	AT	Servo Amp.,TA2065F
IC802	VHITC9284BF-1	J	AY	Servo/Signal Control,TC9284BF
IC804	VHIM56748FP-1	J	AR	Focus/Tracking/Spin/Slide Driver,M56748FP

TRANSISTORS

Q101~106	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q107	VSKRC104M//-1	J	AC	Digital,NPN,KRC104 M
Q151	VS2SC2001-K-1	J	AD	Silicon,NPN,2SC2001 K
Q152	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q153	VSKRC104M//-1	J	AC	Digital,NPN,KRC104 M
Q154,155	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q171	VSKRA102M//-1	J	AC	Digital,PNP,KRA102 M
Q172	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q301	VS2SC380-O/-1	J	AC	Silicon,NPN,2SC380 O
Q302~304	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q351	VSKRC104M//-1	J	AC	Digital,NPN,KRC104 M
Q360	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q362	VSKRA107M//-1	J	AE	Digital,PNP,KRA107 M
Q521	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q601,602	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q603	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q604,605	VS2SD2012Y/-1	J	AF	Silicon,NPN,2SD2012 Y
Q606	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q607	VS2SD2012Y/-1	J	AF	Silicon,NPN,2SD2012 Y
Q608	VSKRA102M//-1	J	AC	Digital,PNP,KRA102 M
Q609	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q701	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q702,703	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q704	VS2SD468-C/-1	J	AD	Silicon,NPN,2SD468 C
Q705	VSKRA102M//-1	J	AC	Digital,PNP,KRA102 M
Q706	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q707	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q801	VS2SA1015GR-1	J	AB	Silicon,PNP,2SA1015 GR
Q861	VS2SD468-C/-1	J	AD	Silicon,NPN,2SD468 C
Q901	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q902	VS2SB562-C/-1	J	AD	Silicon,PNP,2SB562 C
Q903	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q904	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q905	VS2SB562-C/-1	J	AD	Silicon,PNP,2SB562 C
Q906	VSKRA102M//-1	J	AC	Digital,PNP,KRA102 M

DIODES

D101,102	VHD1SS133//-1	J	AA	Silicon,1SS133
D104~106	VHD1SS133//-1	J	AA	Silicon,1SS133
D301,302	VHD1SS133//-1	J	AA	Silicon,1SS133
D303,304	VHD1SS133//-1	J	AA	Silicon,1SS133
D401,402	VHD1SS133//-1	J	AA	Silicon,1SS133
D601	VHD1SS133//-1	J	AA	Silicon,1SS133
D602~604	VHD1SS133//-1	J	AA	Silicon,1SS133
D651~654	VHDRL204F//-1	J	AC	Silicon,RL204F
D718	VHDRL104A//-1	J	AB	Silicon,RL104A
D720~723	VHD1SS133//-1	J	AA	Silicon,1SS133
D801	VHDRL104A//-1	J	AB	Silicon,RL104A
D901~903	VHD1SS133//-1	J	AA	Silicon,1SS133
LED701~715	VHP204GDTR4-V	J	AD	LED,Green,204GDTR4
PH901	VHPI31535CD-1	J	AG	Phote Interrupter
VD301	VHCKV1236Z23F	J	AS	Variable Capacitance,KV1236Z23F
ZD351	VHEUZ5R1BSB-1	J	AA	Zener,5.1V,UZ5.1BSB
ZD521	VHEUZ5R1BSB-1	J	AA	Zener,5.1V,UZ5.1BSB
ZD601	VHEUZ130BSA-1	J		Zener,13V,UZ13BSA
ZD602	VHEUZ7R5BSC-1	J	AA	Zener,7.5V,UZ7.5BSC
ZD701	VHEUZ3R3BSB-1	J	AB	Zener,3.3V,UZ3.3BSB

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
ZD702	VHEUZ6R2BSC-1	J	AB	Zener,6.2V,UZ6.2BSC
ZD801	VHEUZ5R6BSB-1	J	AA	Zener,5.6V,UZ5.6BSB

FILTERS

CF301,302	RFILF0072AFZZ	J	AG	FM IF
CF351	RFILF0003AWZZ	J	AK	FM IF
CF352	RFILA0009AWZZ	J	AE	AM IF

TRANSFORMERS

T301	RCILA1074AFZZ	J	AD	LW Antenna
T302	RCILA0052AWZZ	J	AE	MW Antenna
T305	RCILB1073AFZZ	J	AC	LW Oscillation
T306	RCILB0058AWZZ	J	AC	MW Oscillation
T351	RCILI0015AWZZ	J	AE	AM IF
⚠T651	RTRNP0148AWZZ	J	AX	Power

COILS

L151	VP-MK331K0000	J	AB	330 µH,Choke
L341	RBLN-0001AWZZ	J	AD	Balun
L342	VP-DH2R2K0000	J	AB	2.2 mmH,Peaking
L351,352	VP-DH101K0000	J	AB	100 µH,Choke
L353	VP-DH102K0000	J	AB	1 mH,Choke
L354	RFILL0001AWZZ	J	AE	Low Pass Filter
L521	VP-DH2R2K0000	J	AB	2.2 mmH,Peaking
L601,602	RCILZ0137AFZZ	J	AA	0.29 µH
L603,604	VP-DH100K0000	J	AB	10 µH,Choke
L701	VP-DH101K0000	J	AB	100 µH,Choke
LF651	RCILZ0008AWZZ	J	AH	AC Line Filter

VARIABLE RESISTORS

VR351	92LVRS103NBMT	J	AC	10 kohm (B),Semi-VR [VCO]
VR521	92LVRS472NBMT	J	AC	4.7 kohms (B),Semi-VR [RDS]
VR802	92LVRS104NBMT	J		100 kohm (B),Semi-VR [Tracking Error Balance]
VR803	92LVRS104NBMT	J		100 kohm (B),Semi-VR [Focus Offset]

VIBRATORS

X351	RCRM-0028AWZZ	J		Ceramic,
X352	RCRSP0002AWZZ	J	AH	Crystal,4.5 MHz
X521	RCRM-0019AWZZ	J	AK	Ceramic,456 kHz
X701	RCRM-0029AWZZ	J	AE	Ceramic,8 MHz
X702	RCRSP0051AFZZ	J	AK	Crystal,32.768 kHz
X801	92LCRSTL1746AT	J	AH	Crystal,16.93 MHz

CAPACITORS

C101,102	VCKYMN1HB471K	J	AA	470 pF,50V
C103,104	VCKYMN1HB331K	J	AA	330 pF,50V
C105,106	VCKYMN1HB271K	J	AA	270 pF,50V
C107,108	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C109,110	RC-QZ0016AWZZ	J	AB	0.015 µF,50V,Electrolytic
C111,112	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C113,114	RC-GZA475AF1E	J	AB	4.7 µF,25V,Electrolytic
C115,116	VCTYMN1CX222K	J	AA	0.0022 µF,16V
C117	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C118	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C119,120	VCTYMN1CY103K	J	AA	0.01 µF,16V
C121,122	VCKYMN1HB820K	J	AA	82 pF,50V
C123	RC-GZA225AF1H	J	AB	2.2 µF,50V,Electrolytic
C124	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C125	RC-GZA107AF1E	J	AB	100 µF,25V,Electrolytic
C126	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C129,130	RC-GZA475AF1E	J	AB	4.7 µF,25V,Electrolytic
C131	VCKYBT1HB821K	J	AA	820 pF,50V
C151	VCKYMN1HB181K	J	AA	180 pF,50V
C152	VCKYMN1HB102K	J	AA	0.001 µF,50V
C153	VCQPKA2AA392J	J	AB	0.0039 µF,100V,Polypropylene
C154	VCQYKA1HM273J	J	AB	0.027 µF,50V,Mylar
C155	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C156	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C301,302	VCKYPA1HB102K	J	AA	0.001 µF,50V
C322	VCCCMN1HH100J	J	AA	10 pF (CH),50V
C323	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C324	VCCUMN1HJ270J	J	AA	27 pF (UJ),50V
C325	VCKYMN1HB221K	J	AA	220 pF,50V
C326	VCCCMN1HH180J	J	AA	18 pF (CH),50V

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
C327	VCKYMN1HB681K	J	AA	680 pF,50V
C328	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C329	VCCCPA1HH330J	J	AA	33 pF (CH),50V
C330	VCCUMN1HJ8R2D	J	AA	8.2 pF (UJ),50V
C331	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C332,333	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C334	VCCUMN1HJ180J	J	AA	18 pF (UJ),50V
C335	VCCCMN1HH180J	J	AA	18 pF (CH),50V
C336	VCKYMN1HB471K	J	AA	470 pF,50V
C337	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C339	VCCCMN1HH220J	J	AA	22 pF (CH),50V
C340	VCKYMN1HB102K	J	AA	0.001 µF,50V
C341	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C342	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C343,344	VCCSMN1HL330J	J	AA	33 pF,50V
C345~347	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C350.351	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C352	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C353,354	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C355	VCCSMN1HL220J	J	AA	22 pF,50V
C356	VCKYMN1HB102K	J	AA	0.001 µF,50V
C357	RC-GZA225AF1H	J	AB	2.2 µF,50V,Electrolytic
C358	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C360,361	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C362	RC-GZA335AF1H	J	AB	3.3 µF,50V,Electrolytic
C363	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C364	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C365	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C366	VCKYMN1HB102K	J	AA	0.001 µF,50V
C367,368	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C369	VCCSMN1HL560J	J	AA	56 pF,50V
C370~372	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C373,374	VCTYPA1CX183K	J	AA	0.018 µF,16V
C376,377	VCKYMN1HB221K	J	AA	220 pF,50V
C378	VCKYBT1HB221K	J	AA	220 pF,50V
C379	VCKYMN1HB221K	J	AA	220 pF,50V
C380	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C381	VCCCMN1HH120J	J	AA	12 pF (CH),50V
C382	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C383	VCTYBT1EF223Z	J	AA	0.022 µF,25V
C384	VCKYMN1HB102K	J	AA	0.001 µF,50V
C385	VCTYMN1CY103K	J	AA	0.01 µF,16V
C386	VCKYMN1HB331K	J	AA	330 pF,50V
C387	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C391	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C392	VCKYMN1HB102K	J	AA	0.001 µF,50V
C393	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C394	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C395	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C396	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C397	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C398	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C399	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C401~406	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C411,412	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C413,414	VCKYMN1HB101K	J	AA	100 pF,50V
C421,422	VCQYKA1HM184K	J		0.18 µF,50V,Mylar
C423,424	VCTYPA1CX473K	J	AA	0.047 µF,16V
C425,426	VCTYPA1CX333K	J	AA	0.033 µF,16V
C427,428	VCTYMN1CX332K	J	AA	0.0033 µF,16V
C433	VCTYMN1CX332K	J	AA	0.0033 µF,16V
C434	VCTYPA1CX332K	J	AA	0.0033 µF,16V
C435,436	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C437,438	VCKYMN1HB101K	J	AA	100 pF,50V
C439,440	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C441,442	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C443	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C444	RC-GZA107AF1E	J	AB	100 µF,25V,Electrolytic
C445	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C521	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C522,523	VCTYMN1CX332K	J	AA	0.0033 µF,16V
C524	VCTYMN1CY103K	J	AA	0.01 µF,16V
C525	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C526~528	RC-GZA475AF1E	J	AB	4.7 µF,25V,Electrolytic
C530	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C531	VCTYPA1CX333K	J	AA	0.033 µF,16V
C532	VCTYMN1CX682K	J	AA	0.0068 µF,16V
C533	VCTYPA1CX333K	J	AA	0.033 µF,16V
C534	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C535	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C536,537	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C543	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C601	RC-GZA336AF1C	J	AB	33 µF,16V,Electrolytic
C602	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C603,604	VCKYMN1HB102K	J	AA	0.001 µF,50V
C605,606	RC-GZA475AF1E	J	AB	4.7 µF,25V,Electrolytic
C607	RC-GZA107AF1E	J	AB	100 µF,25V,Electrolytic
C608	RC-GZA226AF1E	J	AB	22 µF,25V,Electrolytic
C609,610	VCKYPA1HB331K	J	AA	330 pF,50V
C611,612	VCKYPA1HB331K	J	AA	330 pF,50V
C613,614	RC-GZV108AF1E	J	AD	1000 µF,25V,Electrolytic
C615	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C616	RC-GZW478AF1E	J	AG	4700 µF,25V,Electrolytic
C617,618	VCKYPA1HB472K	J	AB	0.0047 µF,50V
C619	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C620	RC-GZV477AF1E	J	AC	470 µF,25V,Electrolytic
C621	RC-GZA107AF1E	J	AB	100 µF,25V,Electrolytic
C622	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C623	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C624	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C625	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C626	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C627	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C628	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C632,633	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C636,637	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C639,640	VCKZPA1HF103Z	J	AA	0.01 µF,50V
C642	VCKYPA1HB101K	J	AA	100 pF,50V
C645	VCKYPA1HB331K	J	AA	330 pF,50V
C646,647	VCKYBT1HB331K	J	AA	330 pF,50V
C651~654	VCFYDA1HA104J	J	AB	0.1 µF,50V,Thin Film
C661~663	VCKYPA1HB821K	J	AA	820 pF,50V
C701,702	VCCCMN1HH220J	J	AA	22 pF (CH),50V
C703,704	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C710	VCTYMN1CY103K	J	AA	0.01 µF,16V
C711	RC-GZA335AF1H	J	AB	3.3 µF,50V,Electrolytic
C712	VCTYMN1CY103K	J	AA	0.01 µF,16V
C713	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C714	VCKYMN1HB471K	J	AA	470 pF,50V
C715	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C716	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C717	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C802	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C804	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C807	VCQYKA1HM224K	J	AB	0.22 µF,50V,Mylar
C808	VCFYHA1HA334J	J	AC	0.33 µF,50V,Thin Film
C809	VCTYMN0JY153M	J	AA	0.015 µF,6.3V
C810	RC-QZ0026AWZZ	J	AB	0.1 µF,50V,Mylar
C811	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C812	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C813	VCTYMN1CX222K	J	AA	0.0022 µF,16V
C820	VCTYMN1CX682K	J	AA	0.0068 µF,16V
C821	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C822	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C823	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C824	RC-QZ0023AWZZ	J	AB	0.056 µF,50V,Mylar
C825	RC-QZ0021AWZZ	J	AB	0.039 µF,50V,Mylar
C826	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C827	VCKYMN1HB471K	J	AA	470 pF,50V
C828	RC-QZ0023AWZZ	J	AB	0.056 µF,50V,Mylar
C829	VCCSMN1HL3R9C	J	AA	3.9 pF,50V
C830	VCCSMN1HL470J	J	AA	47 pF,50V
C831	RC-QZ0023AWZZ	J	AB	0.056 µF,50V,Mylar
C832	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C833	RC-GZA227AF1A	J	AB	220 µF,10V,Electrolytic
C834	RC-QZ0023AWZZ	J	AB	0.056 µF,50V,Mylar
C841	VCTYMN1CX472K	J	AA	0.0047 µF,16V
C842,843	VCTYMN1CX332K	J	AA	0.0033 µF,16V
C844	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C845	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C846	RC-GZA227AF1A	J	AB	220 µF,10V,Electrolytic
C847	VCKYMN1HB101K	J	AA	100 pF,50V
C848,849	VCTYMN1CY103K	J	AA	0.01 µF,16V
C850	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C853	RC-QZ0023AWZZ	J	AB	0.056 µF,50V,Mylar
C856	VCKYMN1HB271K	J	AA	270 pF,50V
C857	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C858	RC-QZ0023AWZZ	J	AB	0.056 µF,50V,Mylar
C859	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C860	RC-QZ0023AWZZ	J	AB	0.056 µF,50V,Mylar
C861	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C862	RC-GZA337AF1A	J	AB	330 µF,10V,Electrolytic
C863	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C864,865	RC-QZ0018AWZZ	J	AB	0.022 µF,50V,Mylar

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
C871	RC-GZA337AF1A	J	AB	330 µF,10V,Electrolytic
C881	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C883,884	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C885,886	VCTYMN1CX222K	J	AA	0.0022 µF,16V
C887	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C901	VCKYMN1HB102K	J	AA	0.001 µF,50V
C902	RC-GZA335AF1H	J	AB	3.3 µF,50V,Electrolytic
C903	RC-GZA107AF1E	J	AB	100 µF,25V,Electrolytic
C904,905	VCKZPA1HF223Z	J	AA	0.022 µF,50V

RESISTORS

	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4x3.5mm,Ivory
R70A,70B	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R70C	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R70E	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R70F	VRD-MN2BD820J	J	AA	82 ohms,1/8W
R70G	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R70H,70J	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R70K	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R70L	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R70M	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R70N	VRG-ST2EF100J	J	AB	10 ohm,1/4W,Fusible
R70P	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R70R	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R80A~80C	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R80E~80G	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R101,102	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R103,104	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R105,106	VRD-MN2BD154J	J	AA	150 kohms,1/8W
R107,108	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R109,110	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R111	VRD-ST2EE222J	J	AA	2.2 kohms,1/4W
R112	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R113,114	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R115,116	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R117,118	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R119,120	VRD-MN2BD181J	J	AA	180 ohms,1/8W
R121~124	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R125	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R126	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R127,128	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R129,130	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R131,132	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R133	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R134	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R135	VRD-MN2BD684J	J	AA	680 kohms,1/8W
R136	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R137	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R138	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R139	VRD-ST2EE272J	J	AA	2.7 kohms,1/4W
R140	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R141	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R151	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R152	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R153,154	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R155	VRD-ST2EE560J	J	AA	56 ohms,1/4W
R156,157	VRD-ST2EE151J	J	AA	150 ohms,1/4W
R159,160	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R319	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R323	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R324	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R331	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R332	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R333	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R334	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R335	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R336	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R337	VRD-ST2EE471J	J	AA	470 ohms,1/4W
R343	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R344	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R345	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R346	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R347	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R348	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R349	VRD-MN2BD330J	J	AA	33 ohms,1/8W
R350	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R351	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R352	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R353	VRD-MN2BD271J	J	AA	270 ohms,1/8W
R355	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R356	VRD-MN2BD102J	J	AA	1 kohm,1/8W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R357	VRD-MN2BD474J	J	AA	470 kohms,1/8W
R358	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R359	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R360	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R361,362	VRD-MN2BD123J	J	AA	12 kohms,1/8W
R363	VRD-ST2EE332J	J	AA	3.3 kohms,1/4W
R364	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R365	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R369	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R370	VRD-ST2CD271J	J	AA	270 ohms,1/6W
R371~374	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R376	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R377	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R379	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R380	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R381	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R382	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R383	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R384	VRD-MN2BD123J	J	AA	12 kohms,1/8W
R385	VRD-ST2EE562J	J	AA	5.6 kohms,1/4W
R386	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R387	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R391,392	VRD-ST2EE391J	J	AA	390 ohms,1/4W
R393	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R395	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R397	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R401~403	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R411,412	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R413,414	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R415	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R416	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R417	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R418	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R419	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R420	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R479,480	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R521	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R522	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R523	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R524	VRD-MN2BD154J	J	AA	150 kohms,1/8W
R525	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R526	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R527	VRD-MN2BD564J	J	AA	560 kohms,1/8W
R528,529	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R532	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R533	VRD-ST2CD563J	J	AA	56 kohms,1/6W
R534	VRD-MN2BD563J	J	AA	56 kohms,1/8W
R548,549	VRD-ST2EE391J	J	AA	390 ohms,1/4W
R601,602	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R603,604	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R607	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R608	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R615,616	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R617	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R619,620	VRD-ST2EE470J	J	AA	47 ohms,1/4W
R621	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R623	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R624	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R625	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R627	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R628	VRD-ST2EE101J	J	AA	100 ohm,1/4W
R629	VRD-ST2EE821J	J	AA	820 ohms,1/4W
R631,632	VRD-ST2EE6R8J	J	AA	6.8 ohms,1/4W
R633	VRD-ST2EE100J	J	AA	10 ohm,1/4W
R634	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R661,662	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R701A,701B	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R702A,702B	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R703A,703B	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R704A,704B	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R705A,705B	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R708	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R709	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R710	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R711	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R712	VRD-ST2EE182J	J	AA	1.8 kohms,1/4W
R713	VRD-ST2EE103J	J	AA	10 kohm,1/4W
R714	VRD-MN2BD273J	J	AA	27 kohms,1/8W
R715	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R716	VRD-ST2EE562J	J	AA	5.6 kohms,1/4W
R717	VRD-ST2EE392J	J	AA	3.9 kohms,1/4W
R718	VRD-ST2EE272J	J	AA	2.7 kohms,1/4W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
R719	VRD-ST2EE182J	J	AA	1.8 kohms,1/4W
R720	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R721,722	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R723~725	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R726	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R727	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R728	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R729	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R730~732	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R734,735	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R736,737	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R738,739	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R740~751	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R753~767	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R770~776	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R777	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R778~781	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R787	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R788,789	VRD-ST2EE473J	J	AA	47 kohms,1/4W
R791	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R792	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R793,794	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R795	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R798	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R799	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R801	VRD-ST2EE220J	J	AA	22 ohms,1/4W
R803	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R804	VRD-MN2BD124J	J	AA	120 kohms,1/8W
R805	VRD-MN2BD184J	J	AA	180 kohms,1/8W
R809	VRD-MN2BD104J	1	AA	100 kohm,1/8W
R810	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R811	VRD-MN2BD273J	J	AA	27 kohms,1/8W
R812	VRD-MN2BD183J	J	AA	18 kohms,1/8W
R813	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R814	VRD-MN2BD105J	J	AA	1 Mohm,1/8W
R816	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R817	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R818	VRD-MN2BD180J	J	AA	18 ohms,1/8W
R819	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R820	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R821	VRD-MN2BD183J	J	AA	18 kohms,1/8W
R822	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R823	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R825	VRD-MN2BD474J	J	AA	470 kohms,1/8W
R826	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R827	VRD-MN2BD154J	J	AA	150 kohms,1/8W
R828	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R829	VRD-MN2BD471J	J	AA	470 ohms,1/8W
R830	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R831	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R832	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R833	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R834	VRD-MN2BD684J	J	AA	680 kohms,1/8W
R837	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R838	VRD-ST2EE123J	J	AA	12 kohms,1/4W
R841	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R842	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R843	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R844	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R845	VRD-MN2BD225J	J	AA	2.2 Mohms,1/8W
R846	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R852	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R866	VRD-ST2EE820J	J	AA	82 ohms,1/4W
R867	VRD-ST2EE100J	J	AA	10 ohm,1/4W
R871,872	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R873	VRD-ST2EE472J	J	AA	4.7 kohms,1/4W
R874	VRD-ST2EE103J	J	AA	10 kohm,1/4W
R875	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R881	VRD-ST2EE221J	J	AA	220 ohms,1/4W
R885,886	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R887,888	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R901	VRD-ST2EE152J	J	AA	1.5 kohms,1/4W
R902	VRD-MN2BD563J	J	AA	56 kohms,1/8W
R903	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R904	VRD-MN2BD391J	J	AA	390 ohms,1/8W
R905	VRD-ST2EE103J	J	AA	10 kohm,1/4W
R906	VRD-ST2EE152J	J	AA	1.5 kohms,1/4W
R907	VRD-ST2EE103J	J	AA	10 kohm,1/4W
R908	VRD-MN2BD473J	J	AA	47 kohms,1/8W

OTHER CIRCUITRY PARTS

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
BI801/CNS801	QCNWN0975AWZZ	J	AH	Connector Ass'y,8-8Pin
BI802/CNS802	QCNWN0976AWZZ	J	AF	Connector Ass'y,7-7Pin
BI803/CNS803	QCNWN0977AWZZ	J	AG	Connector Ass'y,6-6Pin
BI901/CNS901	QCNWN0973AWZZ	J	AG	Connector Ass'y,7-7Pin
CNP101	92LCONE8P53253	J	AC	Plug,8Pin
CNP301	92LCONE-2P5268	J	AB	Plug,2Pin [Antenna]
CNP602	QCNCM010TAWZZ	J	AD	Plug,18Pin
CNP603	QCNCM010KAWZZ	J	AC	Plug,10Pin
CNP651	QCNCM038BAWZZ	J	AC	Plug,2Pin
CNP803	92LCONE6P53254	J	AC	Plug,6Pin
CNP901	QCNCM932GAFZZ	J	AD	Plug,7Pin
CNS101	QCNWN0341AWZZ	J	AL	Connector Ass'y,8Pin
CNS602	QCNCW010TAWZZ	J	AE	Socket,18Pin
CNS603	QCNCW010KAWZZ	J	AD	Socket,10Pin
⚠F651	92LFUSET252E	J	AD	Fuse,T2.5A,250V
⚠F652	92LFUSE-T122-E	J	AD	Fuse,T1.25AL,250V
⚠F653	92LFUSET801E	J	AC	Fuse,T800mA L 250V
FE301	RTUNS0007AWZZ	J	AT	FM Front End
FW301	QCNWN0985AWZZ	J	AD	Flat,Wire,5Pin
FW601	QCNWN0974AWZZ	J	AD	Flat Cable,5Pin
FW701	QCNWN0979AWZZ	J	AD	Flat Cable,2Pin
FW702	QCNWN0978AWZZ	J	AD	Flat Cable,2Pin
FW901	QCNWN0342AWZZ	J	AC	Flat Cable,2Pin
J601	QJAKM0007AWZZ	J	AF	Jack,Headphones
LCD701	RV-LX0026AWZZ	J	AU	LCD
M801	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
M802	92LMTR1906CASY	J	AS	Motor with Chassis [Spindle]
M901	92LMTR2538AASY	J	AS	Motor with Pulley [Tape]
RX701	VHL21043TE2-1	J	AL	Remote Sensor,21043TE2
SO301	QTANC0103AWZZ	J	AD	Terminal,Antenna
SO601	QTANA0404AWZZ	J	AF	Terminal,Speaker
⚠SO651	QSOCA0204AWZZ	J	AF	Socket,AC Input
SOL901	RPLU-0002AWZZ	J	AH	Solenoid
SW701	QSW-P0004AWZZ	J	AE	Switch,Push Type [CD EJECT]
SW702	92LSWICH-1401A	J	AC	Switch,Key Type [PLAY/CD PAUSE/TUNING UP]
SW703	92LSWICH-1401A	J	AC	Switch,Key Type [VOLUME DOWN]
SW704	92LSWICH-1401A	J	AC	Switch,Key Type [VOLUME UP]
SW705	92LSWICH-1401A	J	AC	Switch,Key Type [X-BASS/ EQUALIZER]
SW706	92LSWICH-1401A	J	AC	Switch,Key Type [BAND]
SW707	92LSWICH-1401A	J	AC	Switch,Key Type [FUNCTION]
SW710	92LSWICH-1401A	J	AC	Switch,Key Type [REC.PAUSE]
SW711	92LSWICH-1401A	J	AC	Switch,Key Type [MEMORY/ SET]
SW712	92LSWICH-1401A	J	AC	Switch,Key Type [PRESET DOWN]
SW713	92LSWICH-1401A	J	AC	Switch,Key Type [PRESET UP]
SW714	92LSWICH-1401A	J	AC	Switch,Key Type [STOP/CLEAR]
SW715	92LSWICH-1401A	J	AC	Switch,Key Type [DISPLAY/ MODE]
SW716	92LSWICH-1401A	J	AC	Switch,Key Type [ASPM]
SW717	92LSWICH-1401A	J	AC	Switch,Key Type [PTY.TI SEARCH]
SW718	92LSWICH-1401A	J	AC	Switch,Key Type [ON/STAND-BY]
SW801	QSW-F9001AWZZ	J	AE	Switch,Leaf Type [Pickup In]
SW901	92LM-SW1676A	J	AC	Switch,Leaf Type [Record Prevention]
SW902	92LM-SW1658A	J	AB	Switch,Leaf Type [Cam]
TP801	92LCONE-3P5267	J	AB	Plug,3Pin [Test Point]

CASSETTE MECHANISM PARTS

101	LCHSM0015AW01	J	AK	Main Chassis Ass'y
102	LPLTP0002AWZZ	J	AD	Plate,Head
103	NDAIR0005AW01	J	AG	Take Up Reel Ass'y
104	NGERH0024AWZZ	J	AB	Gear,Supply Reel
105	NROLY0002AWZZ	J	AF	Pinch Roller Ass'y
106	NFLYC0002AWZZ	J	AG	Flywheel Ass'y
107	MLEVP0024AW01	J	AH	Lever,FR Ass'y
108	NGERH0027AWZZ	J	AE	Gear,Cam
109	NGERH0028AWZZ	J	AB	Gear,Flywheel
110	NGERH0030AWZZ	J	AE	Gear,Play Idler
111	NGERH0032AWZZ	J	AC	Gear,FF
112	NPLYB0004AWZZ	J	AB	Sensor,Wing
113	MLEVP0026AWZZ	J	AC	Lever,Trigger
114	92LM-LEV1756A	J	AB	Lever,Lock
115	MLEVP0069AWZZ	J	AB	Lever,Eject Obstruct
116	LHLDS1001AW01	J	AE	Hold Bearing Ass'y
117	PGIDM0008AWZZ	J	AC	Guide,Cassette

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
118	MLEVF0008AWFW	J		Lever,Idler Ass'y
119	MLEVF0009AW01	J	AE	Lever,Over Strok Ass'y
120	LANGT0026AWFW	J	AC	Blacket,Hold
121	LANGT0027AWFW	J	AD	Blacket,Motor
122	LANGT0033AWFW	J	AB	Blacket,Switch
123	MSPRP0005AWFW	J	AB	Spring,Cassette
124	MSPRC0008AWFJ	J	AB	Spring,Back Tention
126	MSPRC0025AWFJ	J	AB	Spring,Supply Cap
127	92LM-TSPR1756C	J	AB	Spring,Lock Lever
128	MSPRD0033AWFJ	J	AB	Spring,Play Idler Lever
129	MSPRD0034AWFJ	J	AB	Spring,Play Roller
130	MSPRD0036AWFJ	J	AB	Spring,Play Return
131	MSPRD0037AWFJ	J	AB	Spring,Over Strok Lever
132	MSPRD0039AWFJ	J	AB	Spring,FR Lever
133	MSPRD0040AWFJ	J	AB	Spring,Eject Obstruct
135	NBLTK0010AWZZ	J	AC	Belt,Main
136	MSPRD0045AWFJ	J	AB	Spring,Trigger Lever
137	RHEDH0001AWZZ	J		Head,Record/Playback
138	RHEDB0001AWZZ	J	AG	Head,Erase
139	92LN-BAND1318A	J	AA	Nylon Band,80mm
141	92LM-REL1676B	J	AB	Cap,Supply Reel
142	PCUSS0017AWZZ	J	AB	Cushion,Switch
501	92L1R8WC4-R5P	J	AA	Washer,ø1.8xø4x0.5mm
502	92L1R5WC3R8R5P	J	AA	Washer,ø1.5xø3.8x0.5mm
503	92L2TTS+4BZ	J	AA	Screw,ø2x4mm
504	92L2TTS+5BZ	J	AA	Screw,ø2x5mm
505	92LS2R6S1746A	J	AA	Screw,ø2.6x5mm
506	92L2R3W3R4R25P	J	AA	Washer,ø2.3xø3.4x0.25mm
507	92L2R2TWO	J	AA	Washer,ø2.2mm
508	LX-BZ0004AWFD	J	AC	Screw,ø2.6mm Lock Lever
509	XHPSD20P05000	J	AA	Screw,ø2x5mm
M901	92LMTR1759AAAS	J	AR	Motor with Pulley [Tape]
SOL901	RPLU-0002AWZZ	J	AH	Solenoid Ass'y
SW901	92LM-SW1676A	J	AC	Switch,Leaf Type [Record Prevention]
SW902	92LM-SW1658A	J	AB	Switch,Leaf Type [Cam]

CD MECHANISM PARTS

301	NGERH0011AWZZ	J	AC	Gear,Middle
302	NGERH0012AWZZ	J	AC	Gear,Drive
303	MLEVP0010AWZZ	J	AC	Rail,Guide
304	NSFTM0002AWFW	J	AE	Shaft,Guide
305	92LM-CUSN1524A	J	AC	Cushion,Gum
306	92LHPC-1MX	J	BF	Pickup Unit Ass'y
306- 1	———			Pickup Unit (Not Replacement Item)
306- 2	NGERR0043AFZZ	J	AC	Gear,Rack
306- 3	MSPRC0961AFZZ	J	AA	Spring,Rack
307	PCOVP1001AWSA	J	AE	Cover,Mechanism
701	XBSSD26P06000	J	AA	Screw,ø2.6x6mm
702	XHBSD20P05000	J	AA	Screw,ø2x5mm
703	XBPSD20P03000	J	AA	Screw,ø2x3mm
704	LX-WZ1070AFZZ	J	AA	Washer,ø1.5xø3.8x0.25mm
M801	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
M802	92LMTR1906CASY	J	AS	Motor with Chassis [Spindle]
SW801	QSW-F9001AWZZ	J	AE	Switch,Push Type [Pickup In]

CABINET PARTS

201	92LCAB2541AS1	J	AU	Front Panel Ass'y
201- 1	———			Front Panel (Not Replacement Item)
201- 2	92LBADGE1692A	J	AC	Badge,SHARP
201- 3	HDECQ0220AWSA	J	AH	Panel,LCD
201- 4	GCOVH1010AWSA	J	AC	Cover,Remote Control Sensor
202	LANGT0042AWFW	J	AC	Bracket,PWB Support
203	92LCUSN1746A	J	AA	Cushion,Leg
204	JKNBZ0407AWSA	J	AH	Knob,Operation
205	MLIFP0003AWZZ	J	AE	Damper,Cassette Holder
206	MSPRD0093AWFJ	J	AB	Spring,Cassette Holder
207	92LPNL2541AS1	J	AM	Holder,Cassette Ass'y
207- 1	———			Holder,Cassette (Not Replacement Item)
207- 2	HDECQ0256AWSA	J	AG	Panel,Cassette Holder
209	92LN-BAND1318A	J	AA	Nylon Band,80mm
210	PCOVW1005AWZZ	J	AD	Cover,PWB
211	92LCAUT1706A1	J		Label,Class-3A Laser
212	92LCAUT1706B	J	AA	Label,Laser
213	GCABB1166AWSA1	J	AH	Rear Panel
214	GITAS0037AWSA	J	AH	Side Panel,Left
215	GITAS0038AWSA	J	AH	Side Panel,Right
216	GCABC1164AWSA	J	AL	Top Cabinet
217	PCOVS3020AWFW	J	AE	Shield,Main PWB
218	GDORT0012AWSA	J	AG	CD Lid
219	JKNBZ0128AWSB	J	AC	Knob,CD Eject
220	92LLEV1651A	J	AB	Lever,CD Eject Knob
221	MLIFP0003AWZZ	J	AE	Damper,CD Lid
222	MSPRD0098AWFJ	J	AD	Spring,CD Lid
223	92LMAG2538AS1	J	AL	Stabilizer Ass'y
223- 1	———			Stabilizer (Not Replacement Item)
223- 2	92LCUSN1651A	J	AC	Cushion,Stabilizer
223- 3	PMAGF0002AWZZ	J	AE	Magnet
224	PRDAR0081AWFW	J	AK	Heat Sink
225	LHLDZ1156AWZZ	J		Holder,LCD
226	LHLDZ1158AWZZ	J		Holder,LED
227	PSHEP0017AWZZ	J	AE	Sheet,LCD
228	TLABS0136AWZZ	J	AB	Caution Label,East Europe
229	TSPC-0457AWZZ1	J	AE	Label,Specifications
⚠230	QFSHD0001AWZZ	J	AB	Holder,Fuse
231	PCOVS3019AWFW	J	AF	Cover,Shield
232	LCHSM0058AWFW	J	AM	Main Chassis
601	LX-JZ0010AFFD	J	AA	Screw,ø3x10mm
602	XESSD30P10000	J	AA	Screw,ø3x10mm
603	XHBSD40P06000	J	AA	Screw,ø4x6mm
604	XEBSD30P10000	J	AA	Screw,ø3x10mm
605	XJBSD30P10000	J	AA	Screw,ø3x10mm
606	XESSF30P12000	J	AA	Screw,ø3x12mm
607	XJBSF30P10000	J	AA	Screw,ø3x10mm
608	LX-EZ0005AWFD	J	AA	Screw,Special
610	XJBSD30P08000	J	AA	Screw,ø3x8mm
612	XEBSF30P08000	J	AA	Screw,ø3x8mm
613	XJBSF30P08000	J	AA	Screw,ø3x8mm
614	XJBSD30P06000	J	AA	Screw,ø3x6mm

ACCESSORIES/PACKING PARTS

⚠	QACCE0007AW00	J	AR	AC Power Supply Cord
	QANTL0005AWZZ	J	AG	AM Loop Antenna
	SPAKA0144AWZZ	J	AL	Packing Add.
	SPAKC0559AWZZ	J		Packing Case
	SSAKH0014AWZZ	J	AB	Polyethylene Bag,Unit
	TINSZ0247AWZZ	J	AU	Operation Manual
	TLABE0187AWZZ	J	AB	Label,Bar Code
	TLABM0039AWZZ	J	AC	Label,Feature
	92LBAG1460C1	J	AB	Polyethylene Bag,Accessories
	92LBAG1658B	J	AA	Polyethylene Bag,AC Power Supply Cord
	92LF-ANT1535A	J	AF	FM Antenna
	RRMCG0106AWSA	J	AX	Remote Control
	GFTAB1017AWSA	J		Lid,Remote Control

CP-510

SPEAKER BOX PARTS

701	92L121-0098	J	AS	Net Frame Ass'y
702	92L051-0032	J	AV	Speaker Box,Wooden
703	92I316-0036	J	AF	Duct Pipe
704	92L372-0049	J	AB	Screw,ø4x12mm
705	92L291-0007	J	AF	Speaker Cord
706	92L351-0197	J		Label,Specifications
SP1,2	VSP0010PBT24A	J	AU	Woofer

ACCESSORIES/PACKING PARTS

1	SPAKA0143AWZZ	J		Packing Add.,Speaker
2	92L411-0019	J	AB	Polyethylene Bag,Speaker

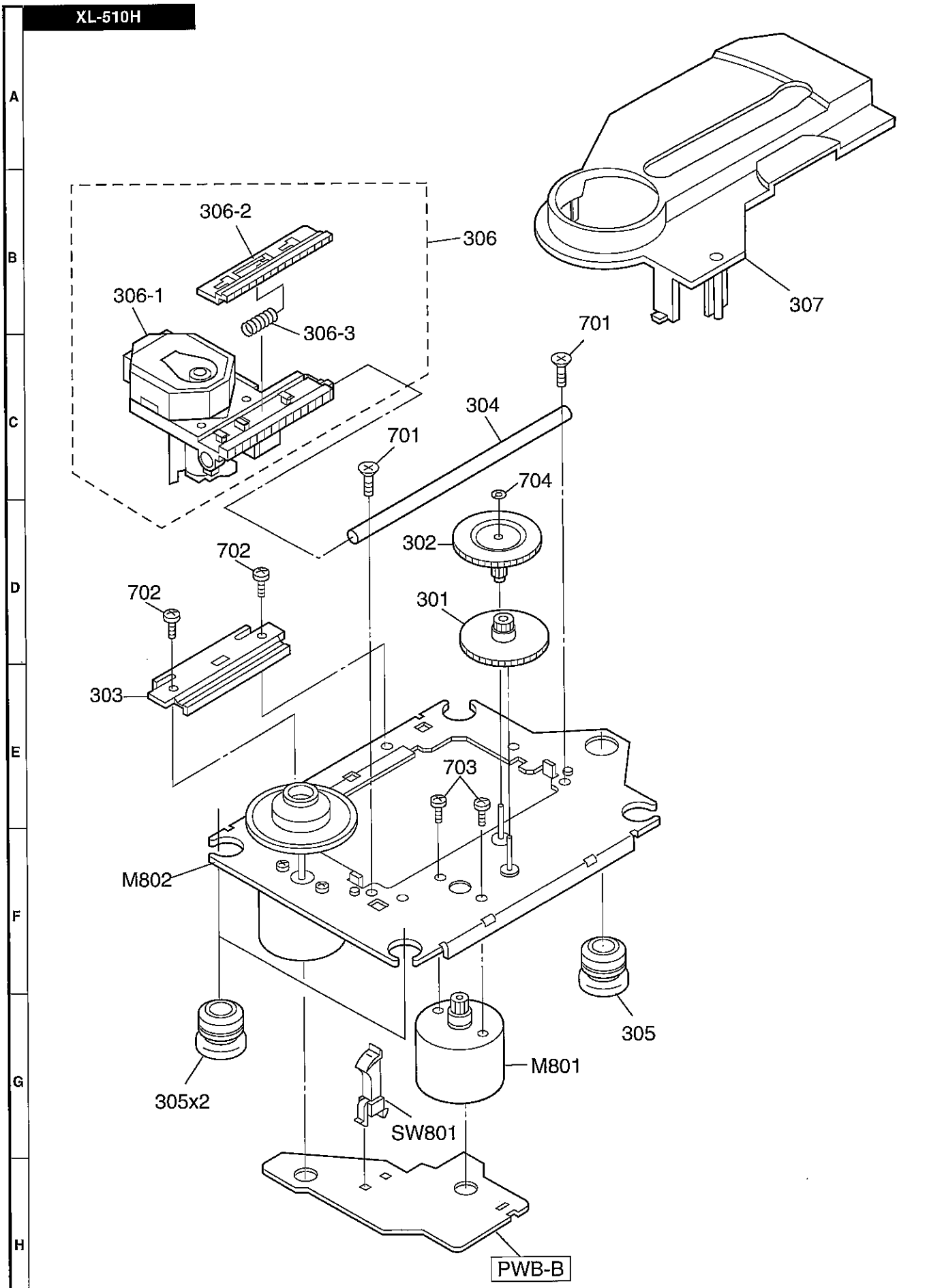


Figure 6 CD MECHANISM EXPLODED VIEW

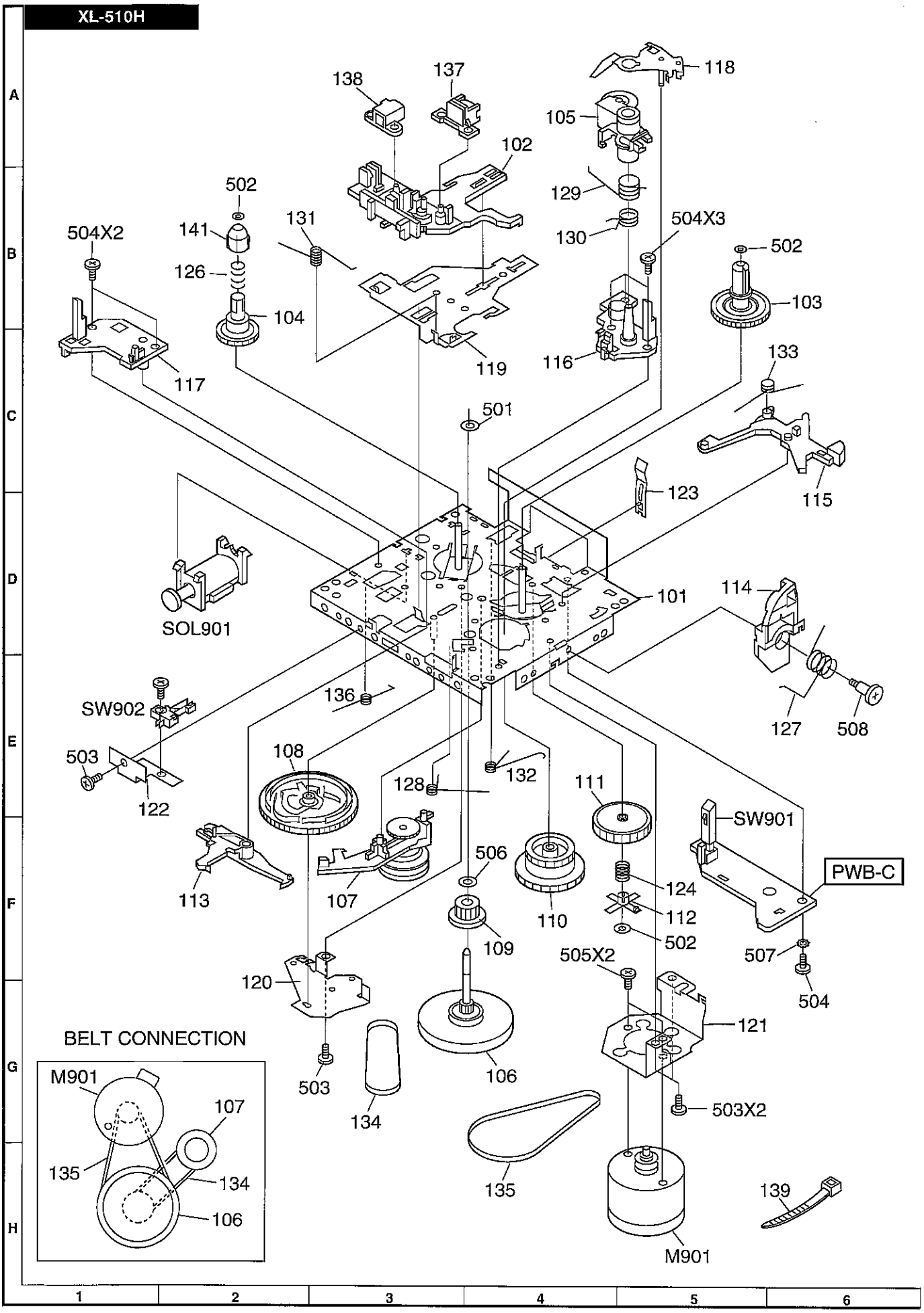


Figure 7 TAPE MECHANISM EXPLODED VIEW

XL-510H

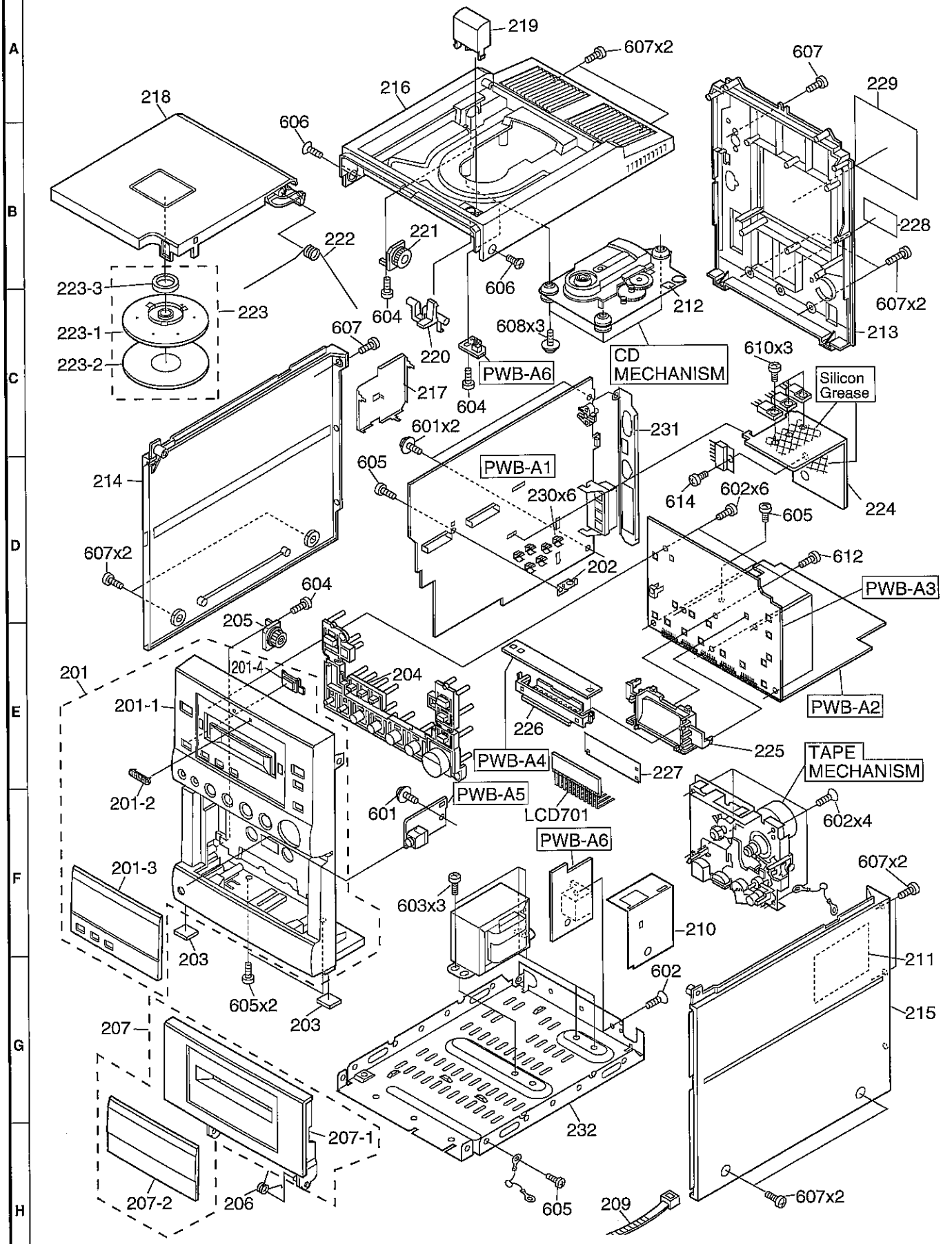


Figure 8 CABINET EXPLODED VIEW

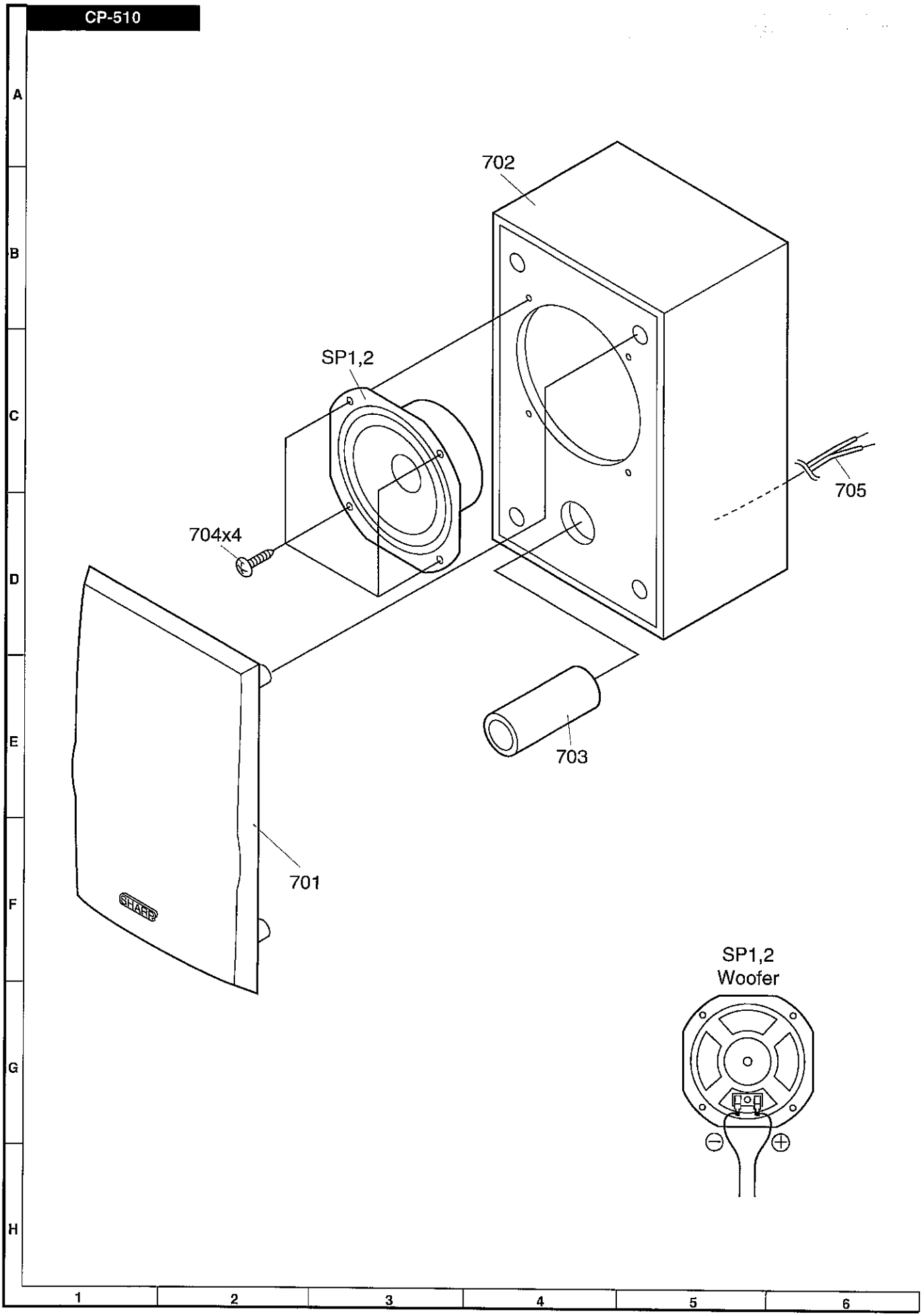


Figure 9 SPEAKER EXPLODED VIEW

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— M E M O —

— M E M O —

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